

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040346.D
 Acq On : 4 Apr 2019 5:15
 Operator : JU/SJ
 Sample : PB118527BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 07:53:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	88474	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	351779	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	216822	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	513467	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	536038	20.00	ng	-0.03
87) Perylene-d12	24.98	264	522094	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	409047	76.86	ng	-0.02
7) Phenol-d6	7.21	99	574013	78.04	ng	-0.02
23) Nitrobenzene-d5	9.23	82	533850	80.66	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	212864	90.84	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1158927	79.20	ng	-0.02
79) Terphenyl-d14	20.03	244	1828322	76.73	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	98617	39.407	ng	97
3) Pyridine	3.90	79	255888	37.978	ng	99
4) n-Nitrosodimethylamine	3.83	42	119723	38.413	ng	# 89
6) Aniline	7.38	93	375078	39.251	ng	95
8) 2-Chlorophenol	7.61	128	239724	38.479	ng	96
9) Benzaldehyde	7.19	77	147437	29.223	ng	96
10) Phenol	7.23	94	314839	39.437	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	248638	38.885	ng	96
12) 1,3-Dichlorobenzene	7.93	146	266204	39.308	ng	94
13) 1,4-Dichlorobenzene	8.08	146	267690	39.686	ng	100
14) 1,2-Dichlorobenzene	8.40	146	254397	39.439	ng	99
15) Benzyl Alcohol	8.29	79	225276	38.031	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	452312	36.858	ng	99
17) 2-Methylphenol	8.49	107	214522	38.832	ng	97
18) Hexachloroethane	9.13	117	98690	38.465	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	191655	36.343	ng	98
20) 3+4-Methylphenols	8.82	107	297736	39.784	ng	99
22) Acetophenone	8.88	105	380477	43.359	ng	# 95
24) Nitrobenzene	9.27	77	288600	42.111	ng	98
25) Isophorone	9.78	82	552047	40.540	ng	98
26) 2-Nitrophenol	9.97	139	140307	43.206	ng	97
27) 2,4-Dimethylphenol	10.02	122	222786	43.190	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	330733	41.052	ng	98
29) 2,4-Dichlorophenol	10.51	162	245379	43.826	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	263032	42.785	ng	98
31) Naphthalene	10.91	128	761364	42.225	ng	99
32) Benzoic acid	10.17	122	128386	41.195	ng	93
33) 4-Chloroaniline	11.03	127	336292	43.724	ng	99
34) Hexachlorobutadiene	11.17	225	164604	41.865	ng	93
35) Caprolactam	11.82	113	57813	26.020	ng	97
36) 4-Chloro-3-methylphenol	12.14	107	274734	42.683	ng	98
37) 2-Methylnaphthalene	12.51	142	568315	42.616	ng	98
38) 1-Methylnaphthalene	12.73	142	535537	41.413	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	289628	42.028	ng	99

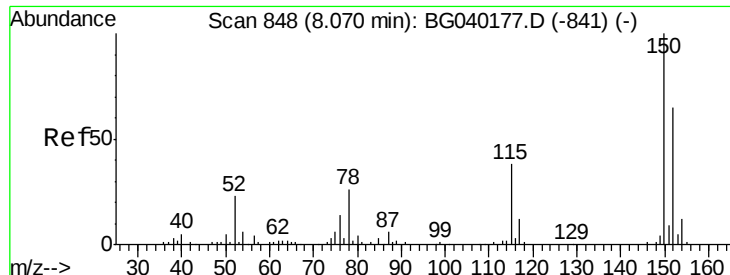
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040346.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	320902	84.808	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	197554	44.463	ng	96
44) 2,4,5-Trichlorophenol	13.19	196	211380	43.648	ng	98
46) 1,1'-Biphenyl	13.52	154	704797	41.140	ng	99
47) 2-Chloronaphthalene	13.56	162	553642	42.130	ng	99
48) 2-Nitroaniline	13.77	65	188657	42.561	ng	98
49) Acenaphthylene	14.41	152	885180	39.729	ng	98
50) Dimethylphthalate	14.13	163	705983	41.603	ng	100
51) 2,6-Dinitrotoluene	14.26	165	163689	42.960	ng	98
52) Acenaphthene	14.74	154	522082	40.893	ng	97
53) 3-Nitroaniline	14.60	138	181829	45.083	ng	99
54) 2,4-Dinitrophenol	14.80	184	195108	96.285	ng	89
55) Dibenzofuran	15.08	168	859728	41.908	ng	98
56) 4-Nitrophenol	14.90	139	276788	85.030	ng	97
57) 2,4-Dinitrotoluene	15.05	165	234158	44.228	ng	99
58) Fluorene	15.73	166	671671	41.643	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	197632	44.971	ng	99
60) Diethylphthalate	15.48	149	727701	41.907	ng	100
61) 4-Chlorophenyl-phenylether	15.71	204	367198	42.591	ng	99
62) 4-Nitroaniline	15.77	138	188037	43.443	ng	99
63) Azobenzene	16.01	77	678104	41.400	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	141148	48.929	ng	97
66) n-Nitrosodiphenylamine	15.93	169	631467	42.026	ng	98
67) 4-Bromophenyl-phenylether	16.61	248	242209	41.917	ng	98
68) Hexachlorobenzene	16.72	284	244856	42.145	ng	96
69) Atrazine	16.87	200	81194	14.527	ng	94
70) Pentachlorophenol	17.07	266	270646	80.576	ng	96
71) Phenanthrene	17.47	178	1112188	41.209	ng	99
72) Anthracene	17.56	178	1133674	41.967	ng	98
73) Carbazole	17.83	167	1082707	42.351	ng	99
74) Di-n-butylphthalate	18.36	149	1264386	41.724	ng	99
75) Fluoranthene	19.47	202	1374329	43.004	ng	99
77) Benzidine	19.66	184	976869	50.466	ng	99
78) Pyrene	19.84	202	1363058	38.668	ng	97
80) Butylbenzylphthalate	20.70	149	633630	42.006	ng	98
81) Benzo(a)anthracene	21.68	228	1362896	41.279	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	540457	43.031	ng	99
83) Chrysene	21.75	228	1279904	40.336	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	884583	41.024	ng	99
85) Di-n-octyl phthalate	22.77	149	1536671	41.829	ng	99
86) Indeno(1,2,3-cd)pyrene	28.75	276	1648091	42.466	ng	100
88) Benzo(b)fluoranthene	23.93	252	1400456	43.813	ng	98
89) Benzo(k)fluoranthene	23.93	252	1400456	47.643	ng	99
90) Benzo(a)pyrene	24.83	252	1403789	46.807	ng	98
91) Dibenzo(a,h)anthracene	28.82	278	1335499	47.946	ng	98
92) Benzo(g,h,i)perylene	29.95	276	1379436	48.188	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

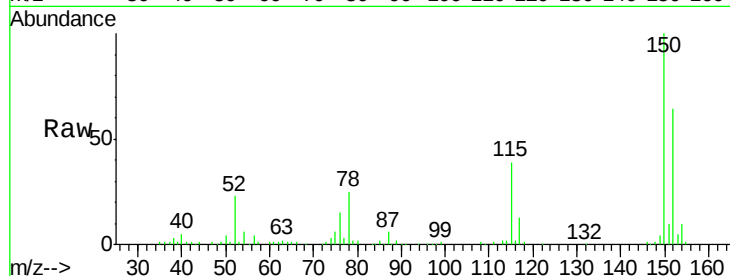


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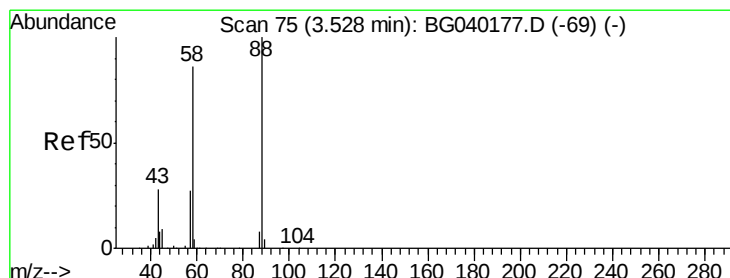
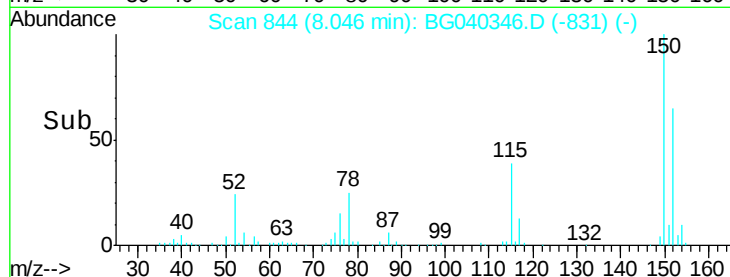
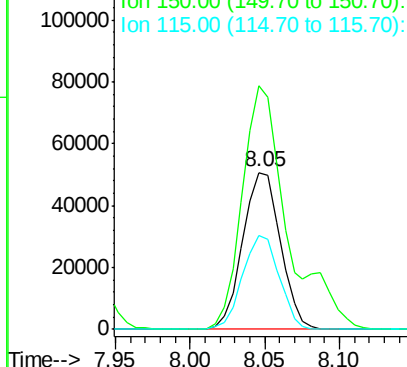
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 88474
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 60.0 46.9 70.3



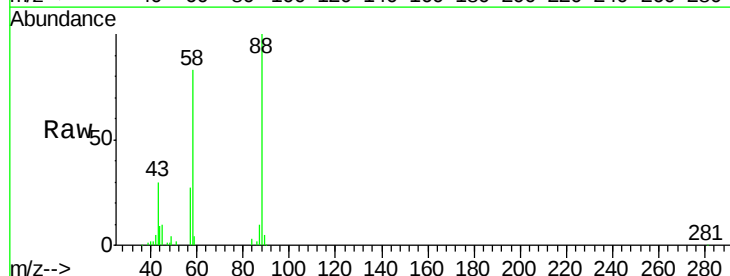
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



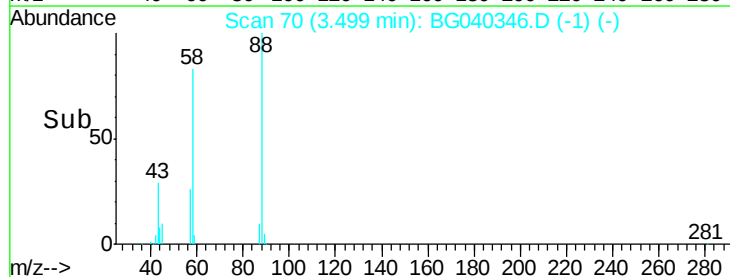
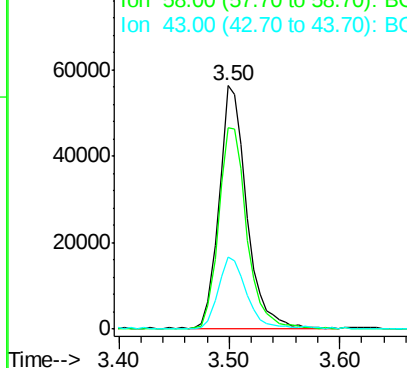
#2

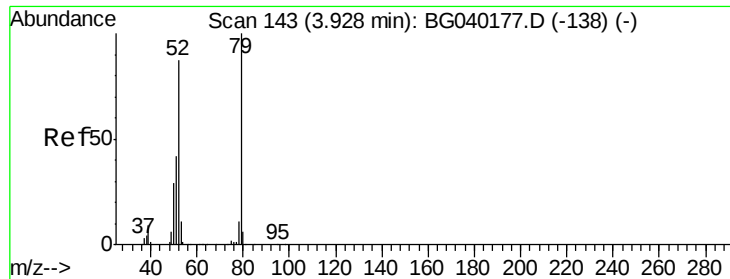
1,4-Dioxane
Concen: 39.407 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion: 88 Resp: 98617
Ion Ratio Lower Upper
88 100
58 84.3 70.6 106.0
43 30.4 24.8 37.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.978 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

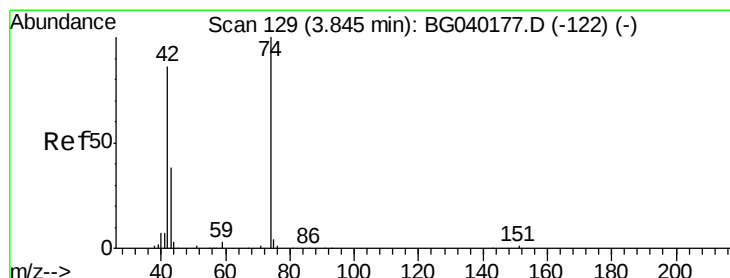
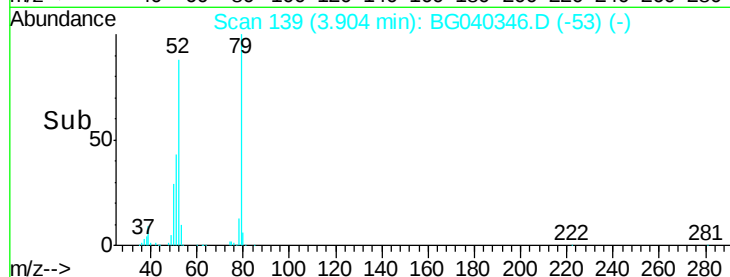
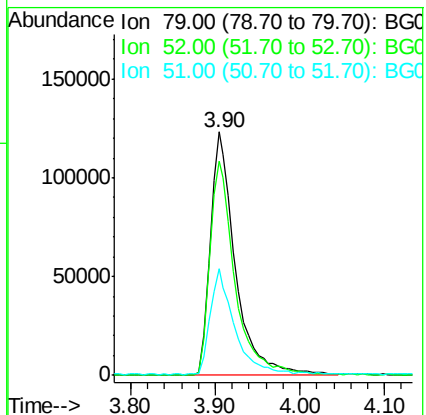
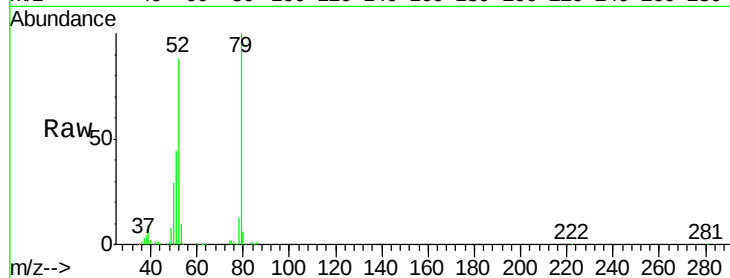
Tot Ion: 79 Resp: 255888

Ion Ratio Lower Upper

79 100

52 88.2 69.8 104.8

51 43.7 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 38.413 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

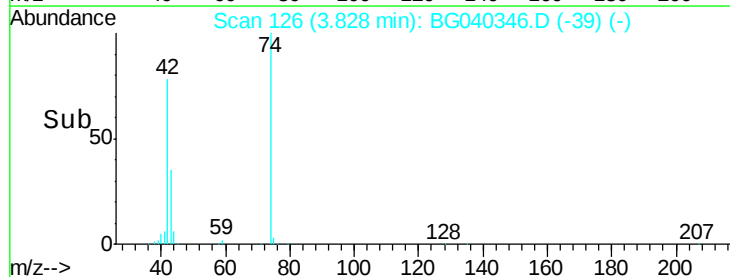
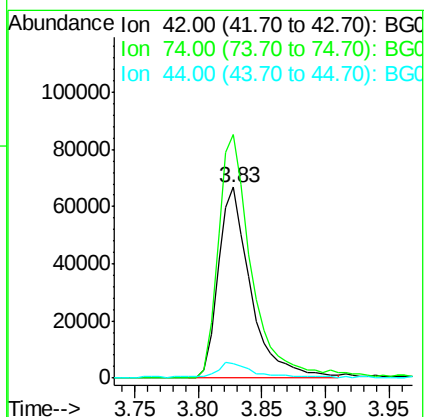
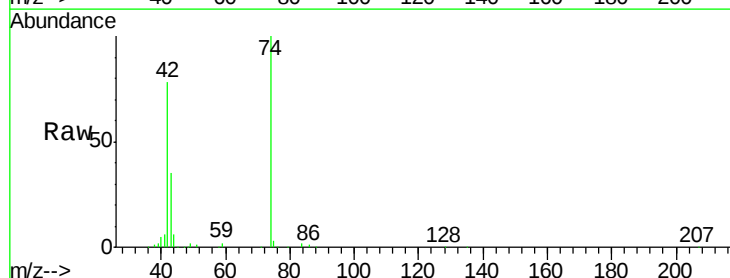
Tgt Ion: 42 Resp: 119723

Ion Ratio Lower Upper

42 100

74 127.6 92.9 139.3

44 7.5 9.7 14.5#





#5

2-Fluorophenol

Concen: 76.859 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

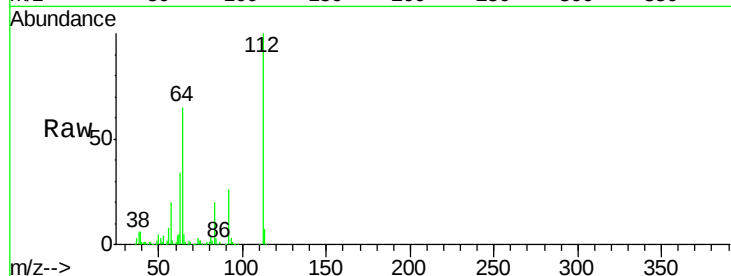
Tot Ion:112 Resp: 409047

Ion Ratio Lower Upper

112 100

64 64.5 54.2 81.2

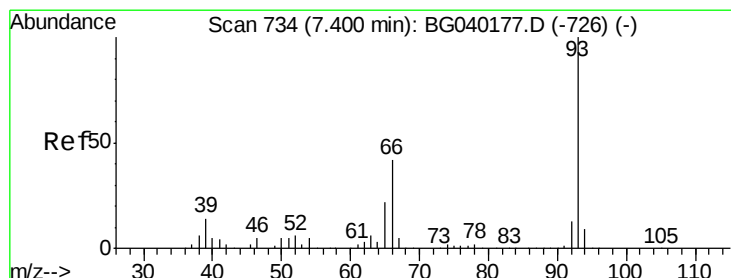
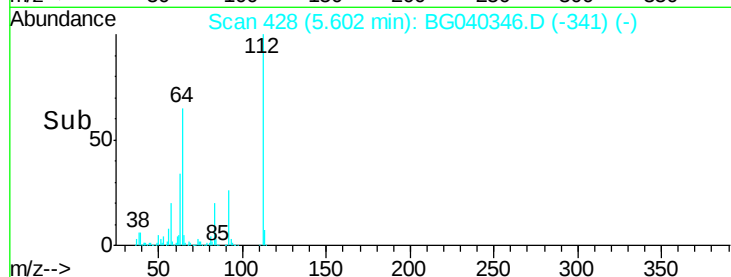
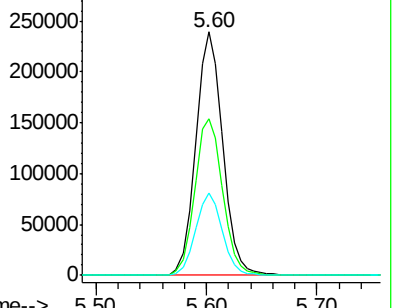
63 33.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.251 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

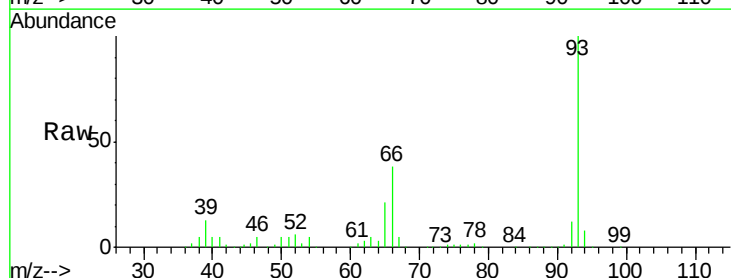
Tgt Ion: 93 Resp: 375078

Ion Ratio Lower Upper

93 100

66 38.2 33.6 50.4

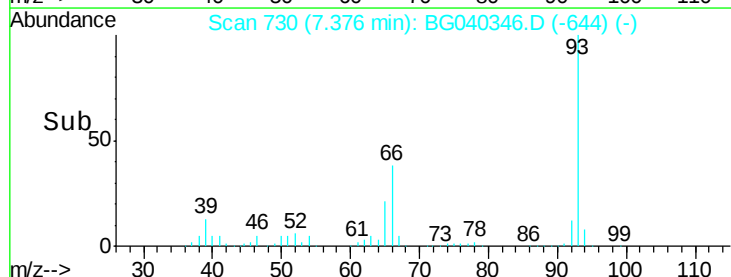
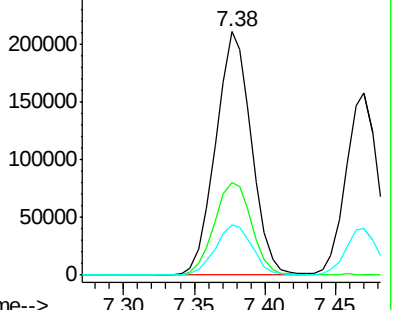
65 20.6 17.4 26.2



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 78.043 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampled :

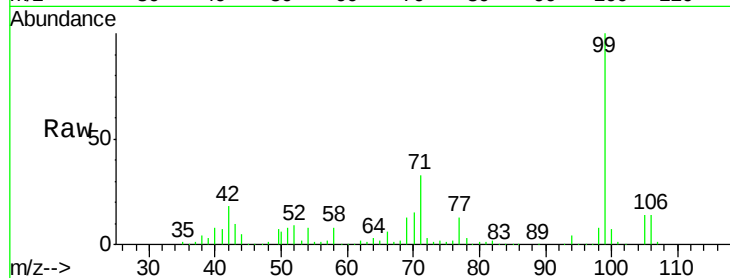
Tot Ion: 99 Resp: 574013

Ion Ratio Lower Upper

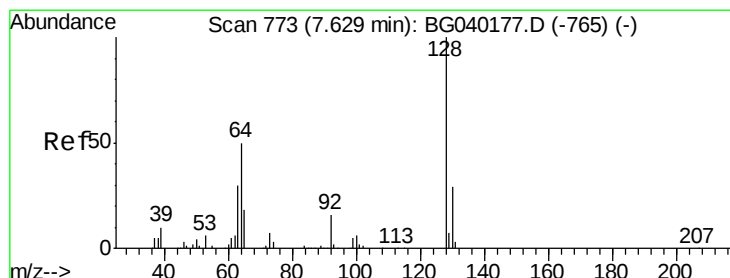
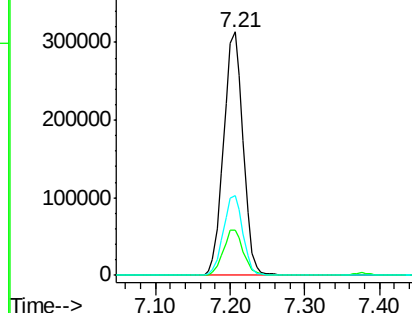
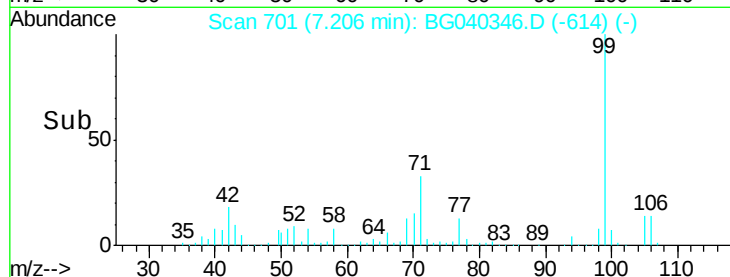
99 100

42 18.4 16.2 24.2

71 33.0 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.479 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

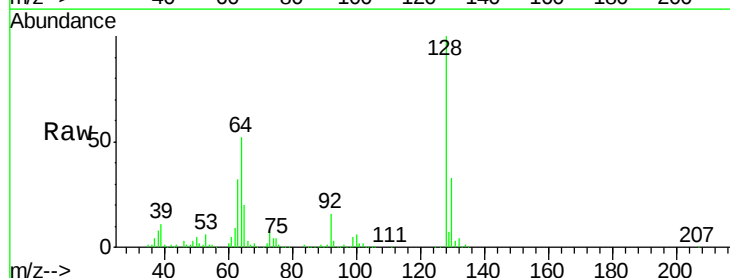
Tgt Ion: 128 Resp: 239724

Ion Ratio Lower Upper

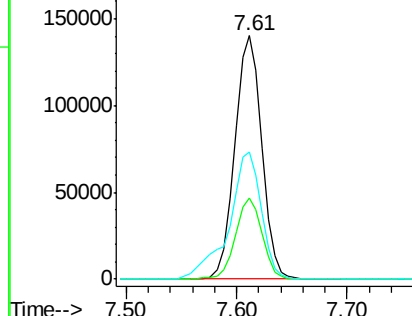
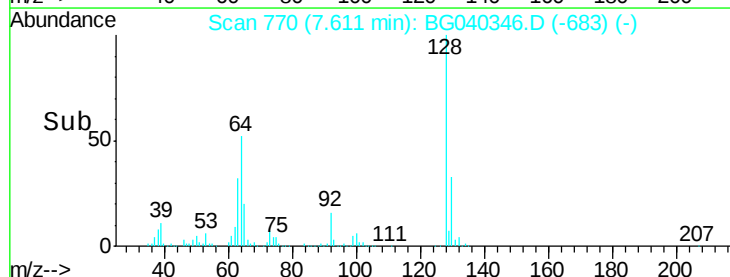
128 100

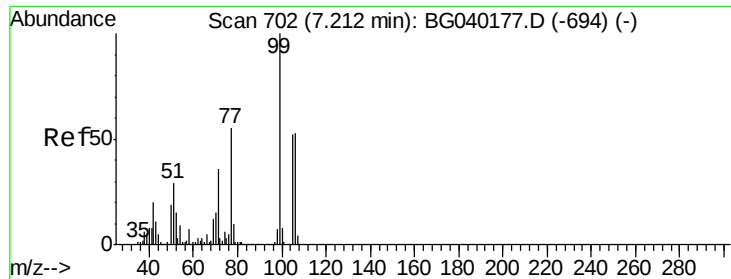
130 33.4 9.1 49.1

64 52.1 33.1 73.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 29.223 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampled :

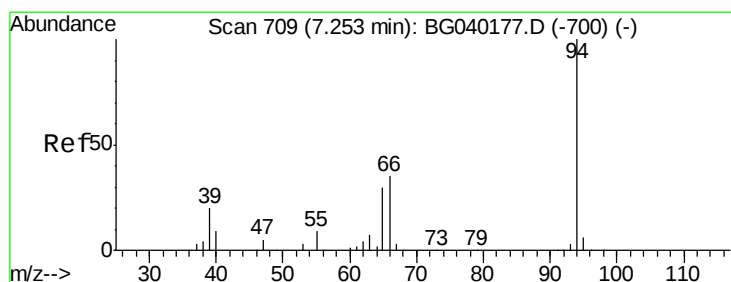
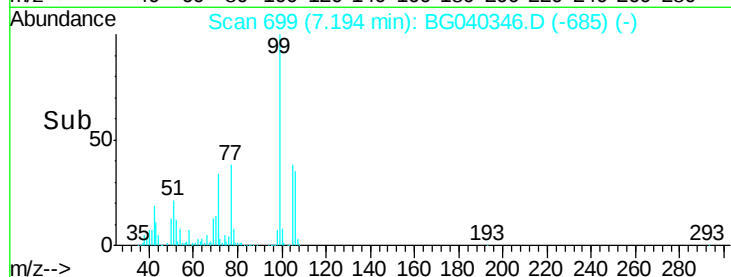
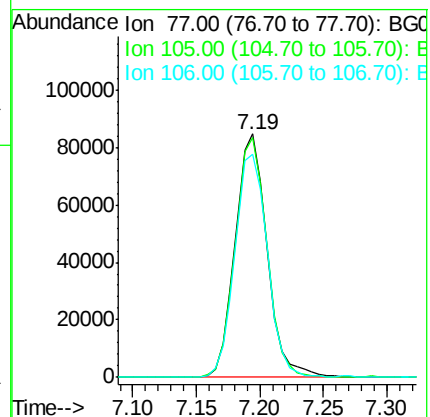
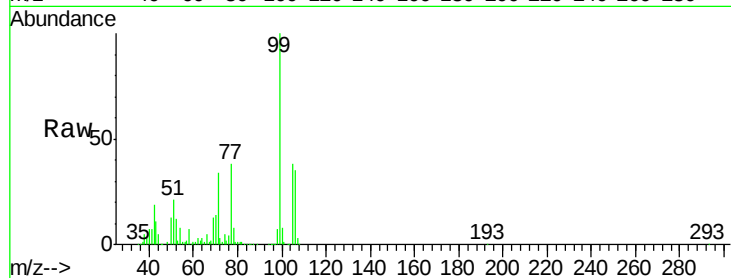
Tot Ion: 77 Resp: 147437

Ion Ratio Lower Upper

77 100

105 98.4 75.0 115.0

106 91.8 75.7 115.7



#10

Phenol

Concen: 39.437 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

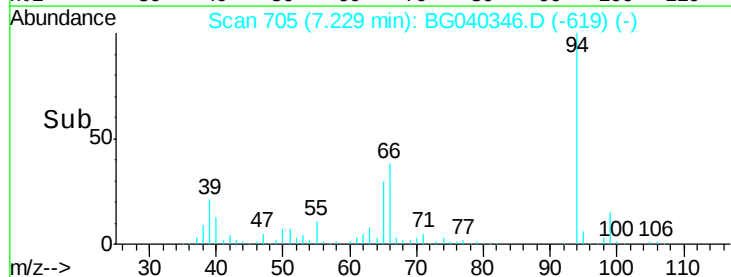
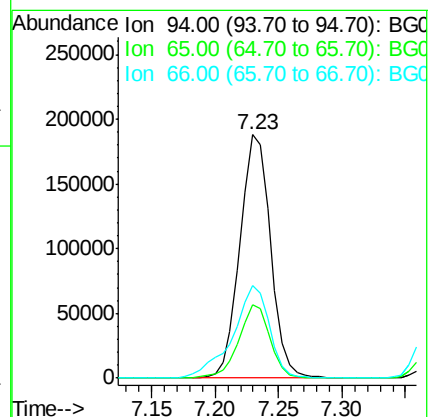
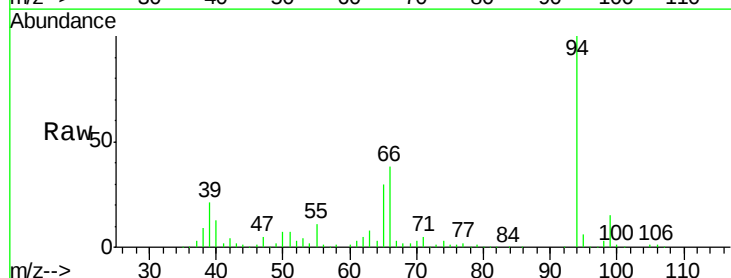
Tgt Ion: 94 Resp: 314839

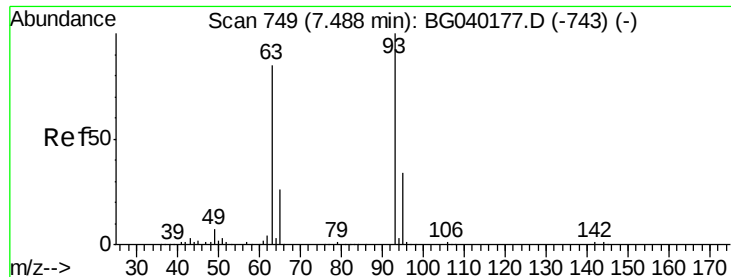
Ion Ratio Lower Upper

94 100

65 30.2 10.5 50.5

66 38.1 16.9 56.9

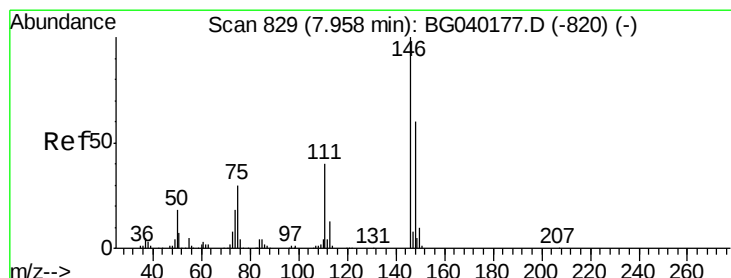
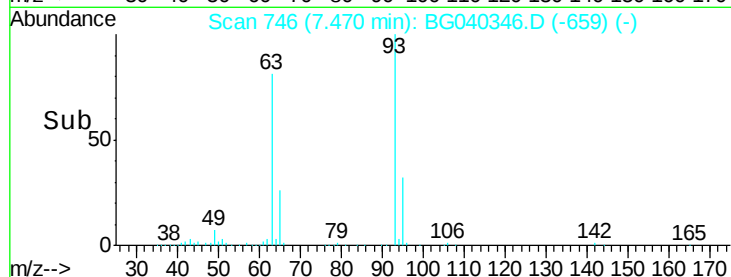
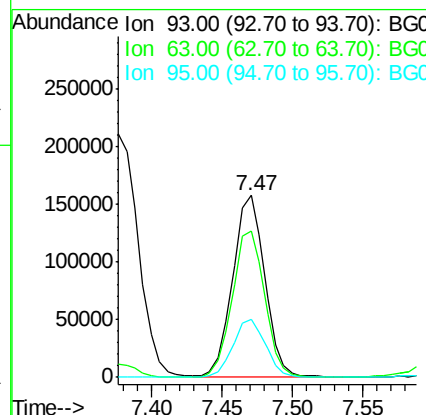
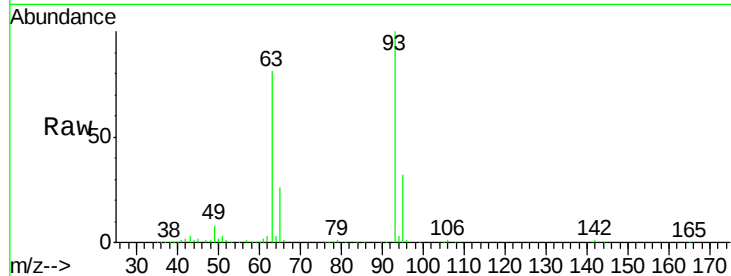




#11
bis(2-Chloroethyl)ether
Concen: 38.885 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

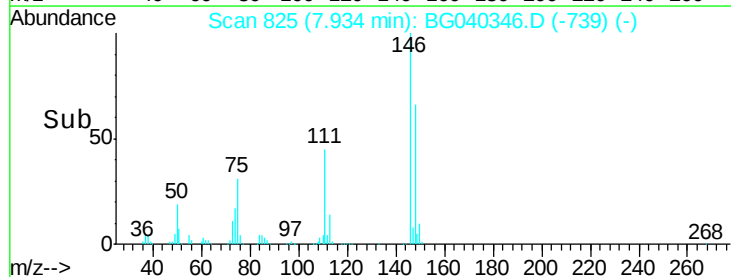
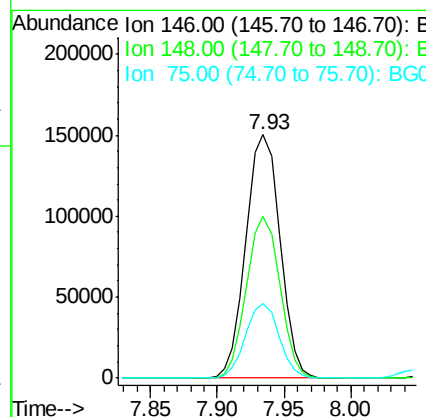
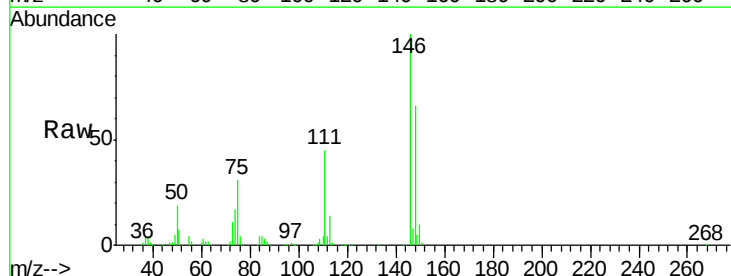
Instrument :
BNA_G
ClientSampled :

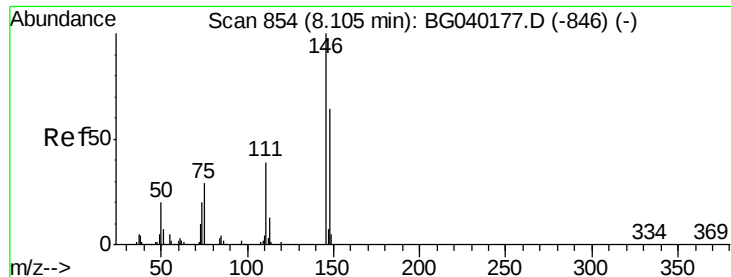
Tot Ion: 93 Resp: 248638
Ion Ratio Lower Upper
93 100
63 80.6 64.2 104.2
95 32.0 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 39.308 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion: 146 Resp: 266204
Ion Ratio Lower Upper
146 100
148 66.4 48.2 72.2
75 30.6 24.1 36.1

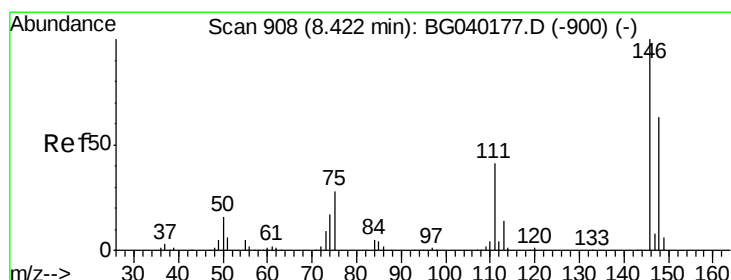
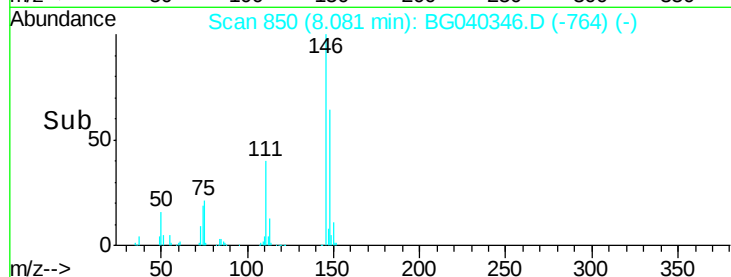
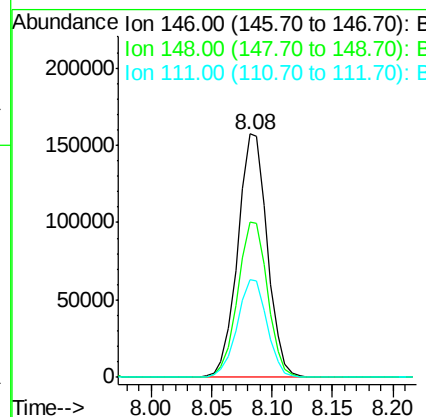
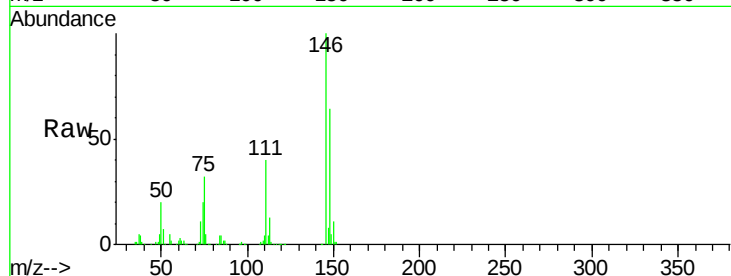




#13
 1,4-Dichlorobenzene
 Concen: 39.686 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

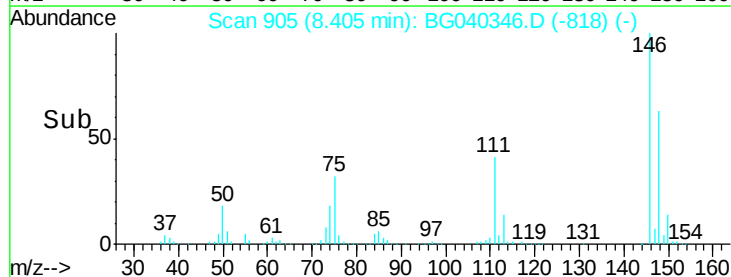
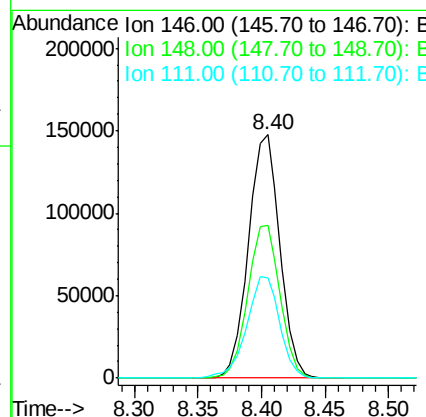
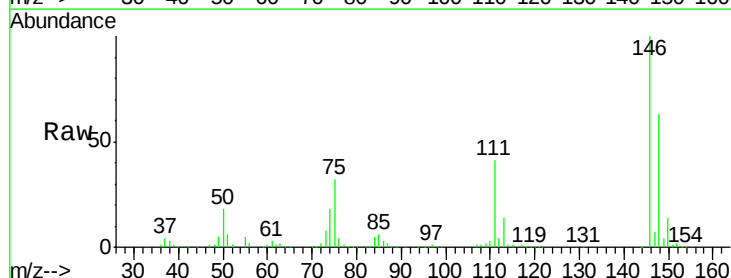
Instrument :
 BNA_G
 ClientSampleId :

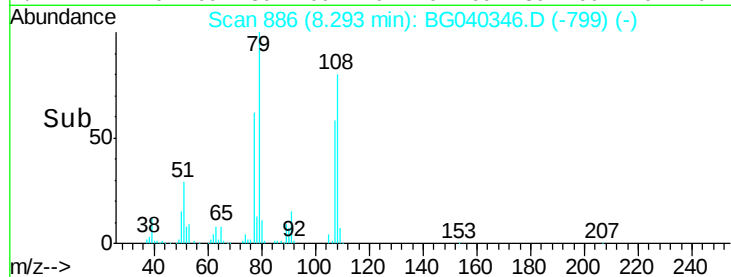
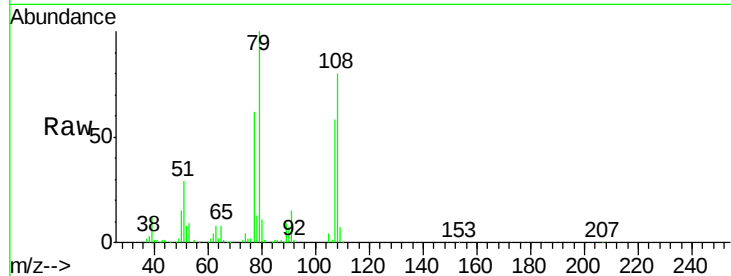
Tot Ion:146 Resp: 267690
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.4
 111 40.1 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 39.439 ng
 RT: 8.40 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Tgt Ion:146 Resp: 254397
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.8 76.2
 111 41.2 33.4 50.0





#15

Benzyl Alcohol

Concen: 38.031 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

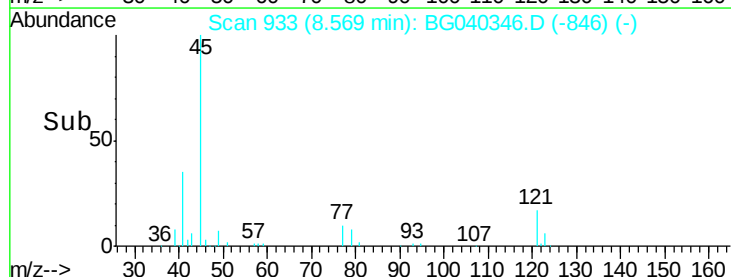
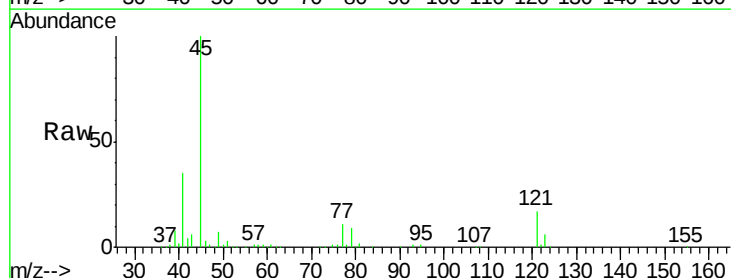
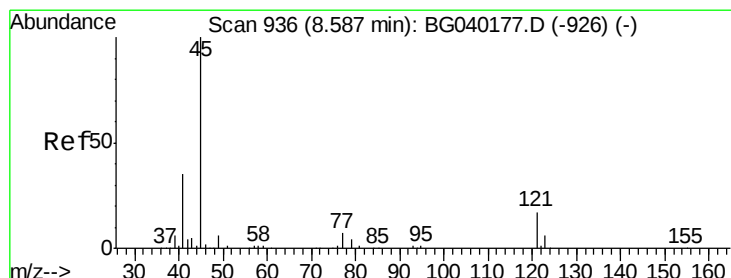
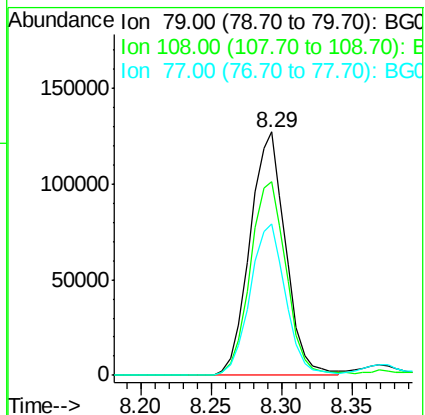
Tot Ion: 79 Resp: 225276

Ion Ratio Lower Upper

79 100

108 79.8 62.1 93.1

77 62.4 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.858 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

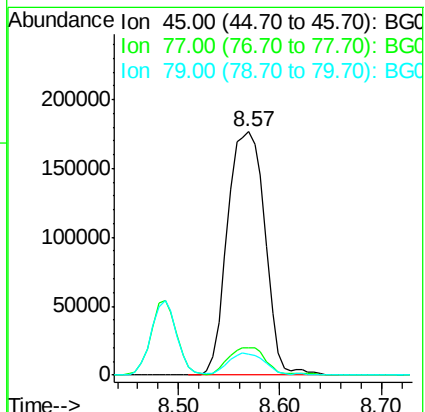
Tgt Ion: 45 Resp: 452312

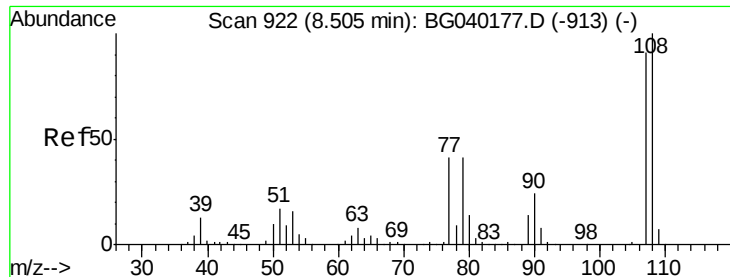
Ion Ratio Lower Upper

45 100

77 11.0 0.0 31.4

79 8.6 0.0 28.3

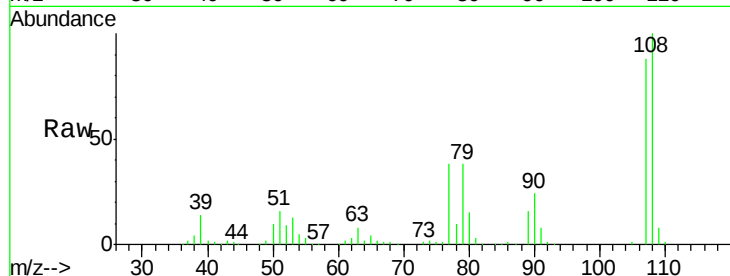




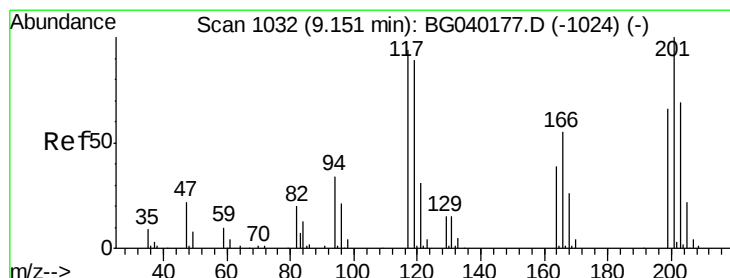
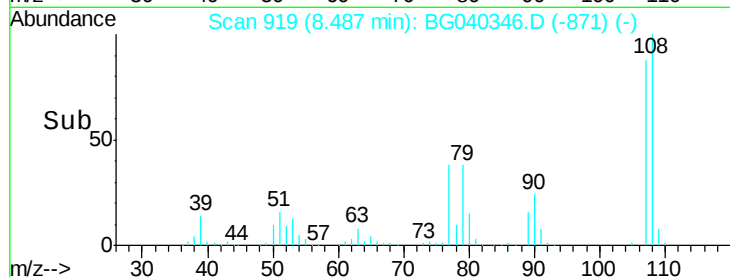
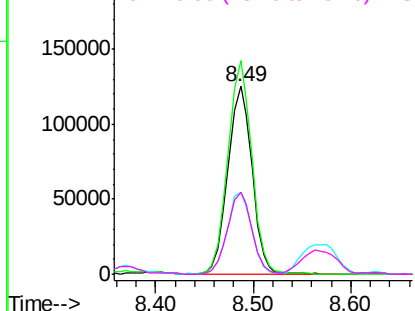
#17
2-Methylphenol
Concen: 38.832 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	214522
Ion	Ratio	Lower	Upper
107	100		
108	113.9	88.2	132.4
77	43.5	36.6	55.0
79	43.7	36.5	54.7

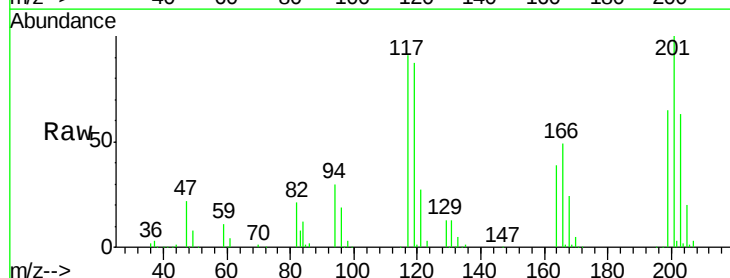


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

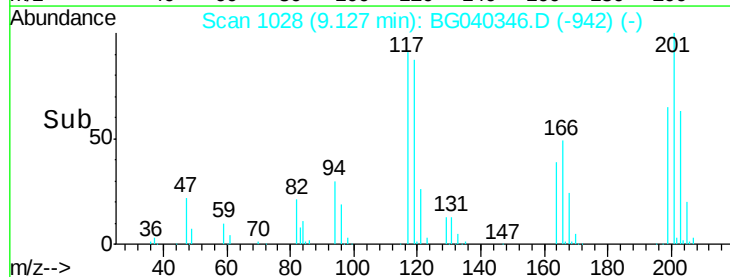
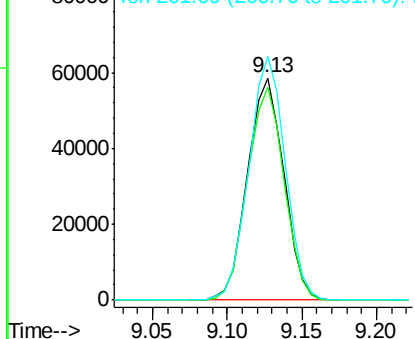


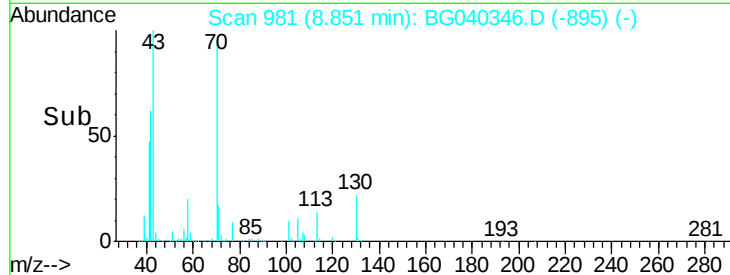
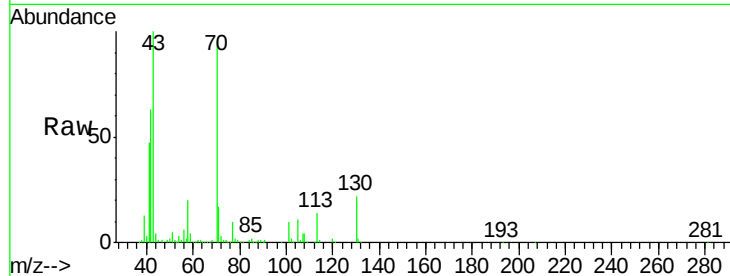
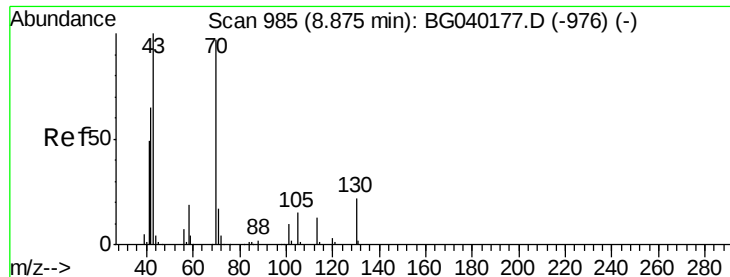
#18
Hexachloroethane
Concen: 38.465 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:	117	Resp:	98690
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	115.0
201	109.5	85.0	127.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

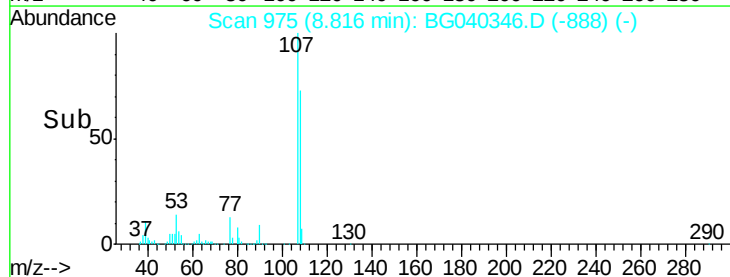
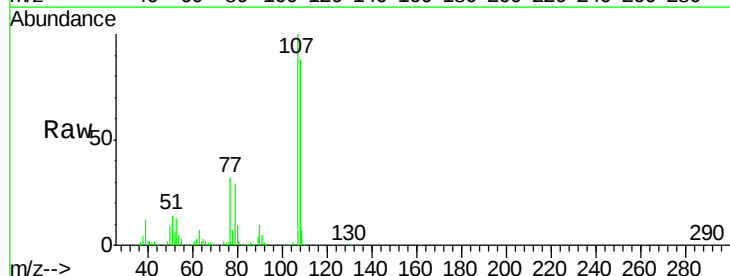
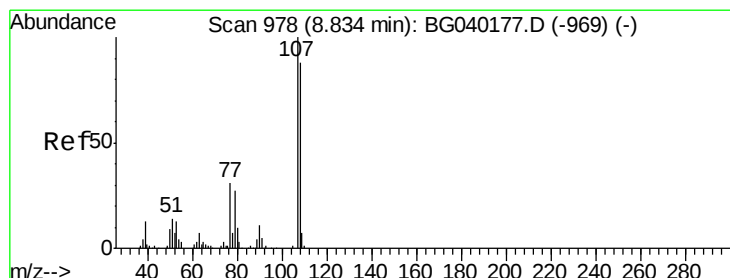
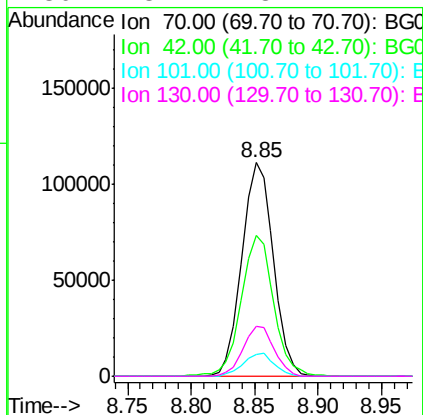




#19
n-Nitroso-di-n-propylamine
Concen: 36.343 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

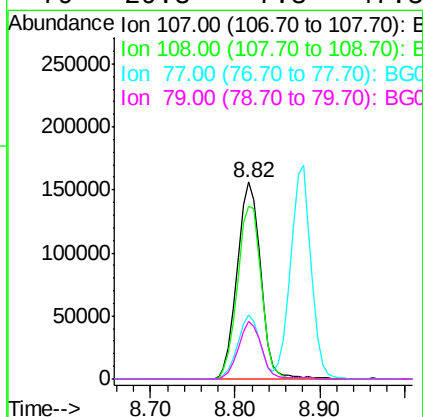
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	191655
Ion	Ratio	Lower	Upper
70	100		
42	66.2	54.0	81.0
101	10.1	8.6	13.0
130	23.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.784 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:	107	Resp:	297736
Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.3	108.3
77	32.4	11.3	51.3
79	29.3	7.3	47.3

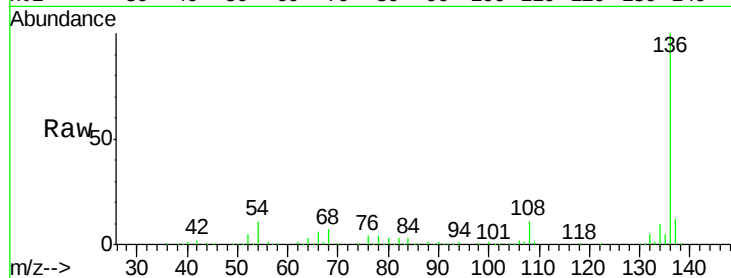




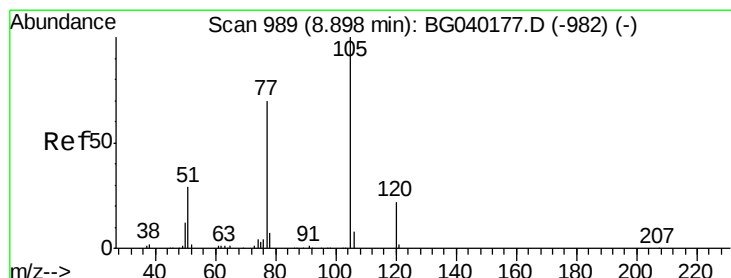
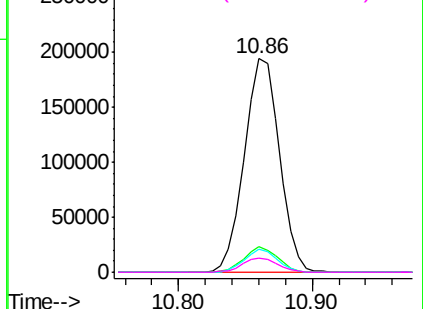
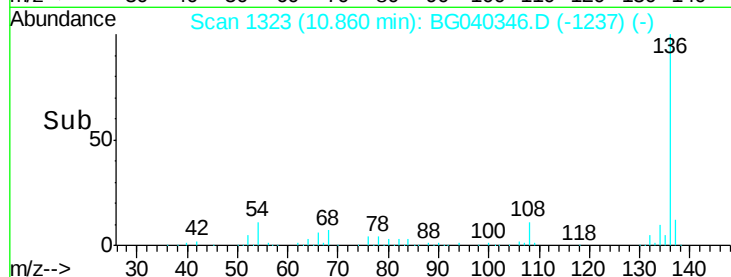
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	351779
Ion	Ratio	Lower Upper
136	100	
137	12.1	8.9 13.3
54	10.6	9.6 14.4
68	6.5	5.1 7.7

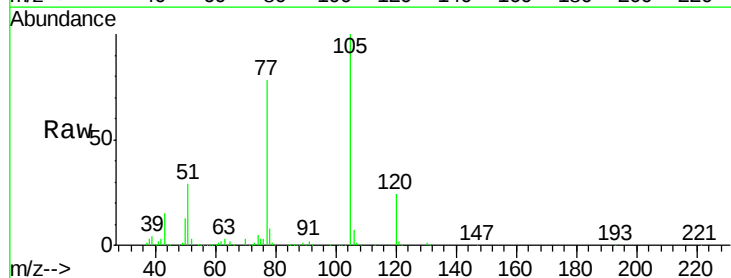


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

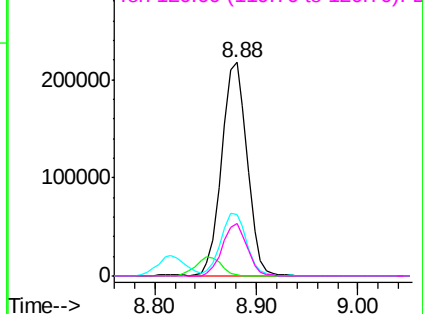
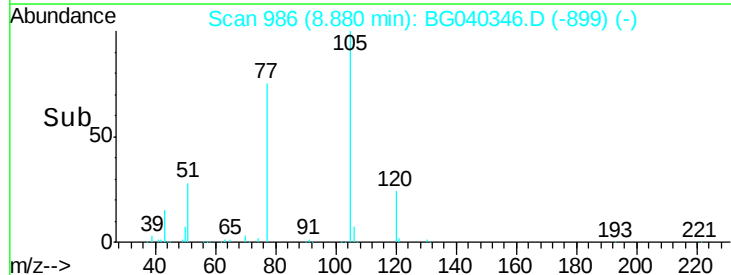


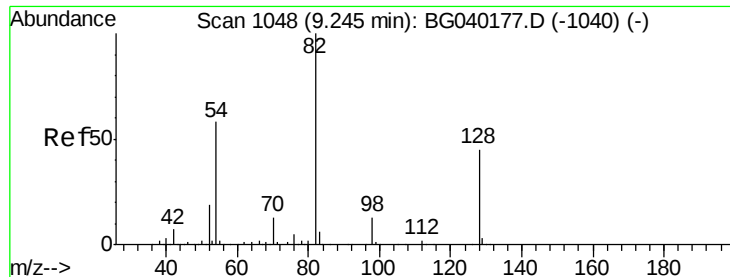
#22
Acetophenone
Concen: 43.359 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:105	Resp:	380477
Ion	Ratio	Lower Upper
105	100	
71	0.4	0.6 1.0#
51	29.1	25.1 37.7
120	24.5	17.6 26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

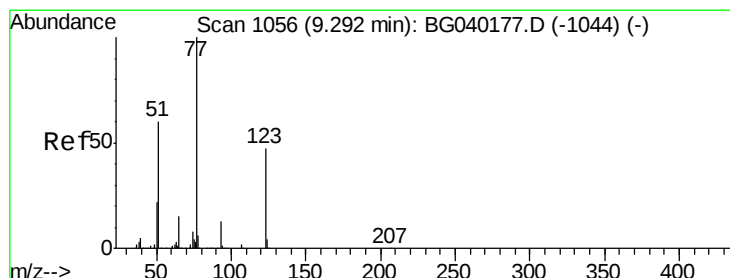
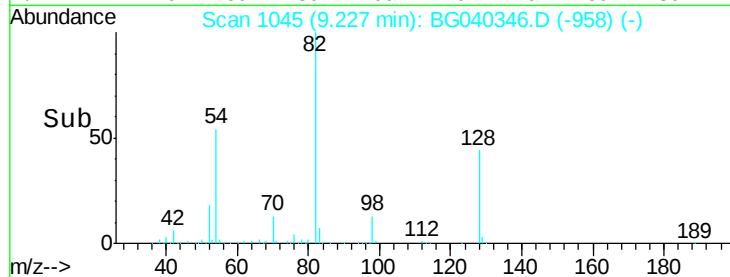
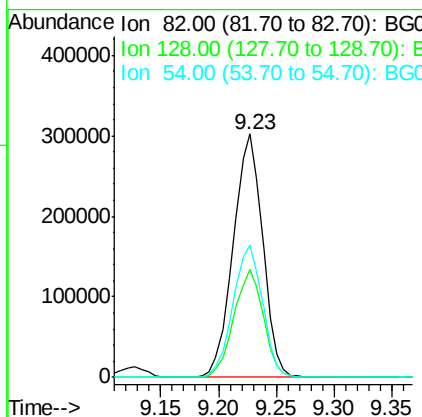
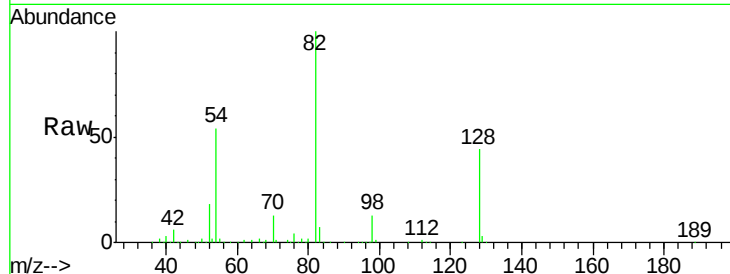




#23
 Nitrobenzene-d5
 Concen: 80.664 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

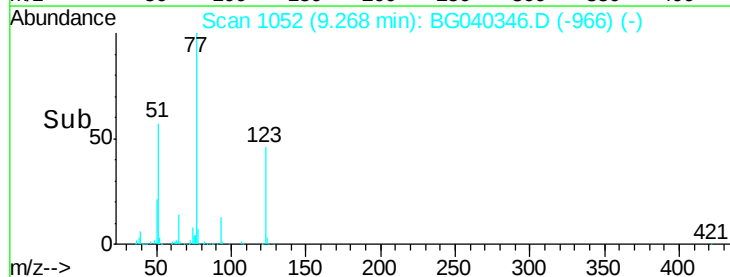
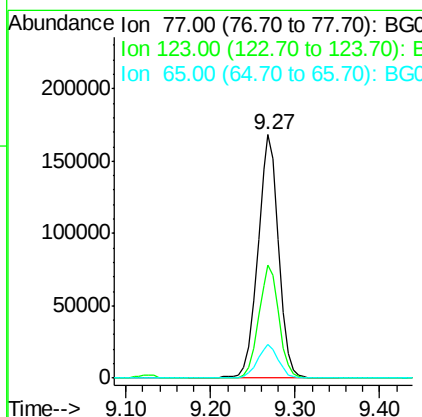
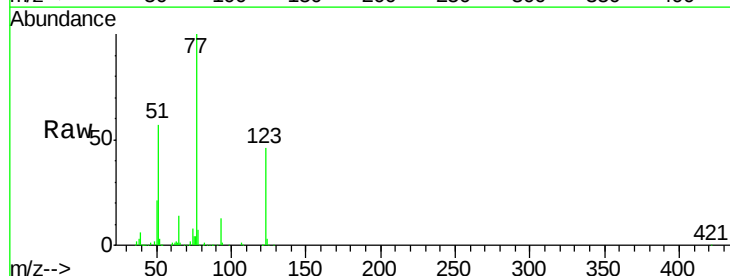
Instrument :
 BNA_G
 ClientSampled :

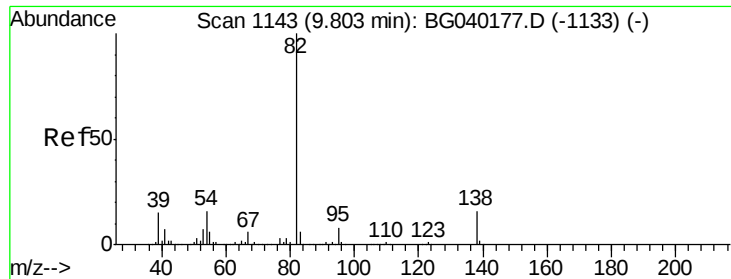
Tot Ion	82	Resp	533850
Ion Ratio	Lower	Upper	
82	100		
128	44.3	35.8	53.8
54	54.2	46.2	69.2



#24
 Nitrobenzene
 Concen: 42.111 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Tgt Ion	77	Resp	288600
Ion Ratio	Lower	Upper	
77	100		
123	46.3	37.8	56.6
65	14.0	12.0	18.0





#25

Isophorone

Concen: 40.540 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

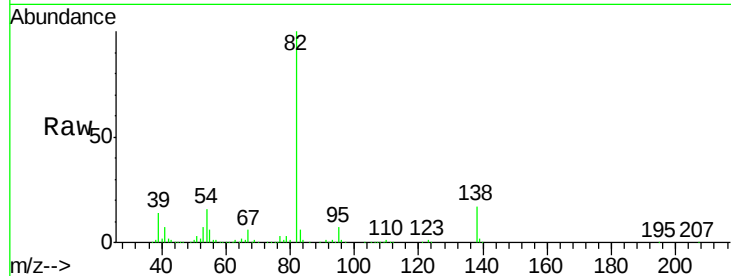
Tot Ion: 82 Resp: 552047

Ion Ratio Lower Upper

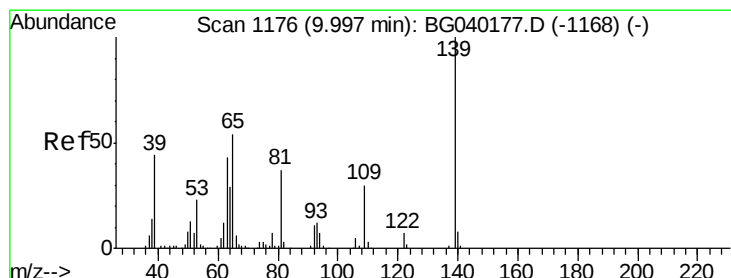
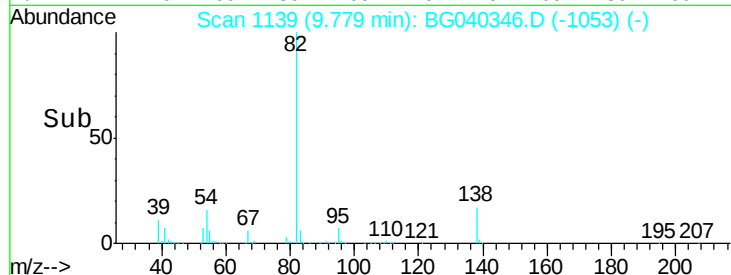
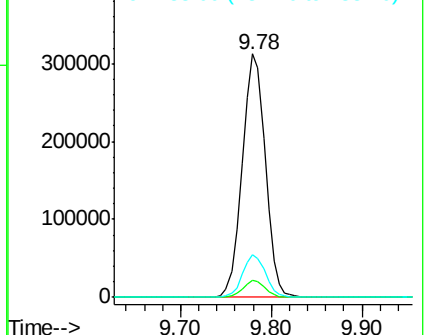
82 100

95 7.0 6.1 9.1

138 17.3 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 43.206 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

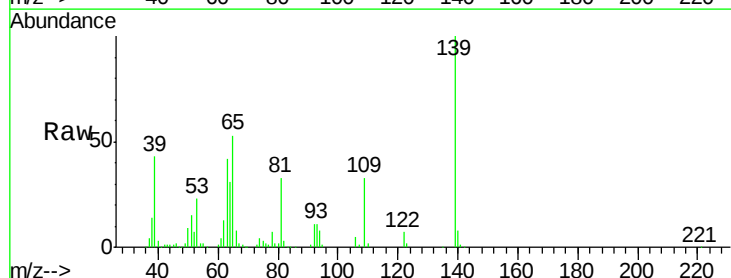
Tgt Ion: 139 Resp: 140307

Ion Ratio Lower Upper

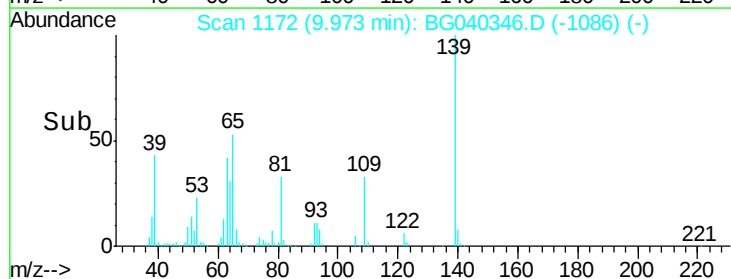
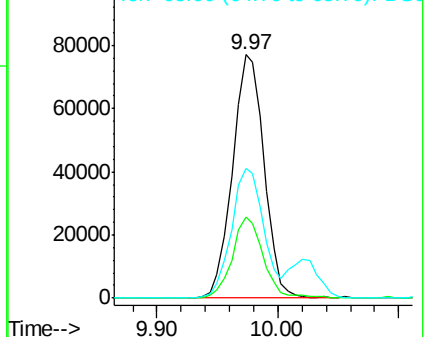
139 100

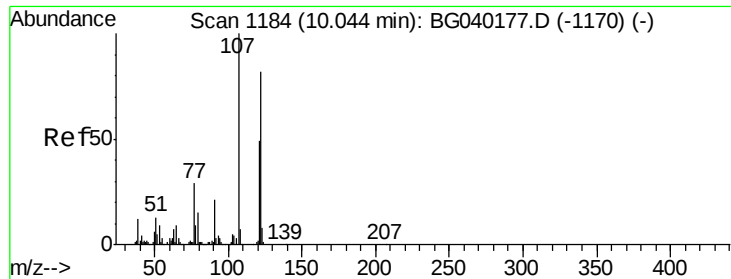
109 33.4 24.1 36.1

65 53.3 43.0 64.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

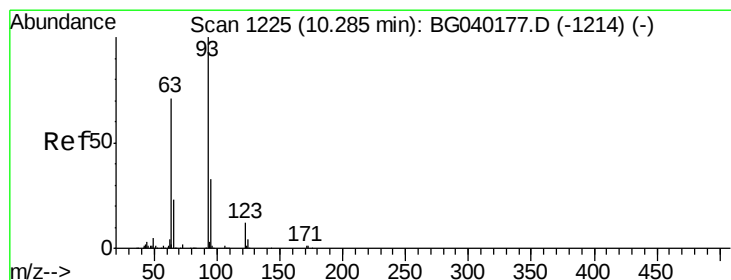
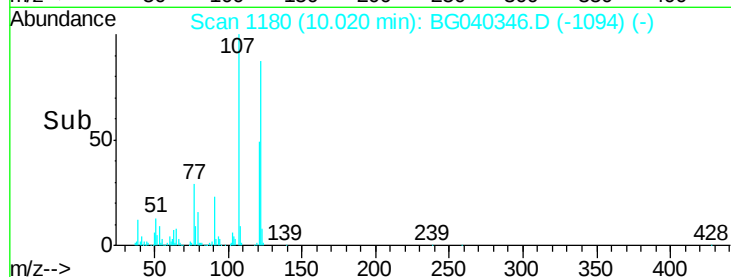
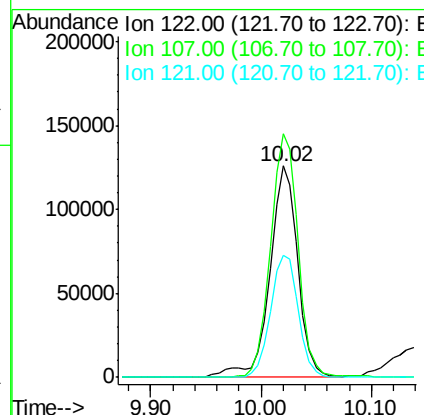
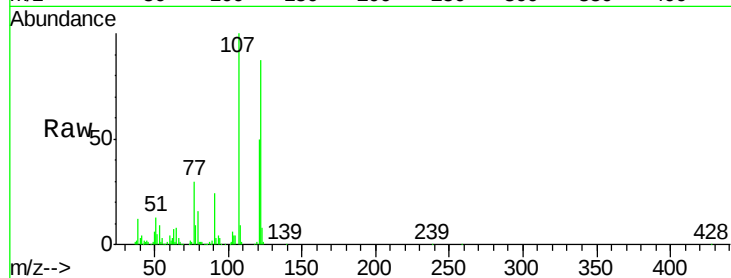




#27
2,4-Dimethylphenol
Concen: 43.190 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

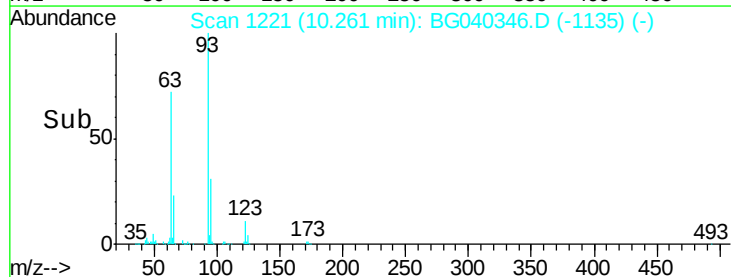
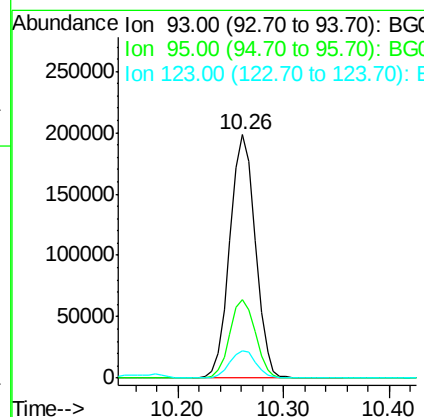
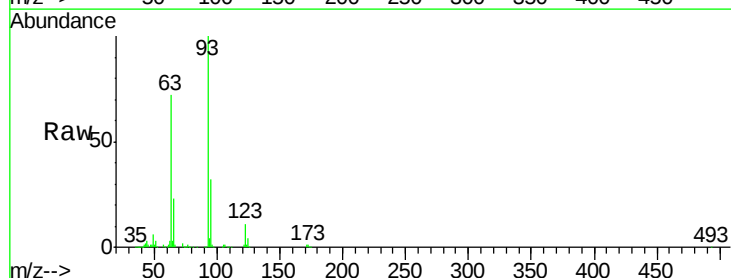
Instrument :
BNA_G
ClientSampleId :

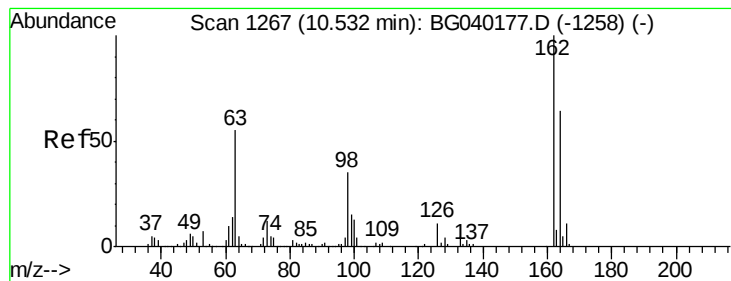
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	97.4	146.2
121	57.8	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.052 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.4
123	11.0	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 43.826 ng

RT: 10.51 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

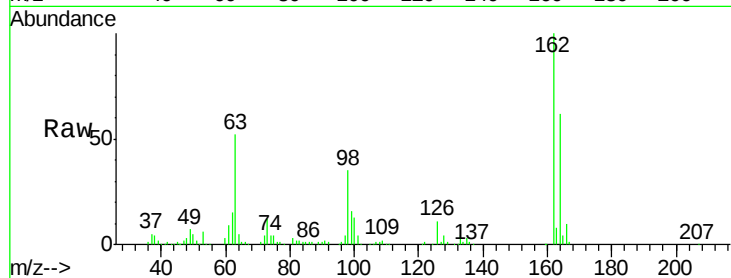
Tot Ion:162 Resp: 245379

Ion Ratio Lower Upper

162 100

164 61.8 43.9 83.9

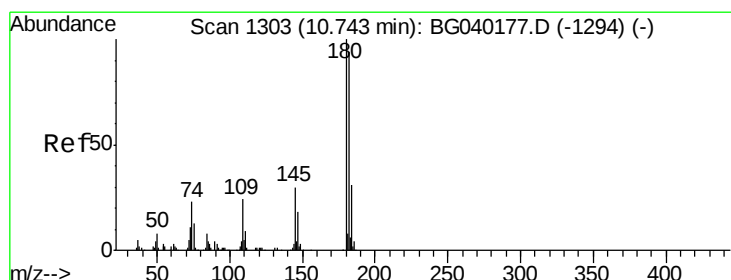
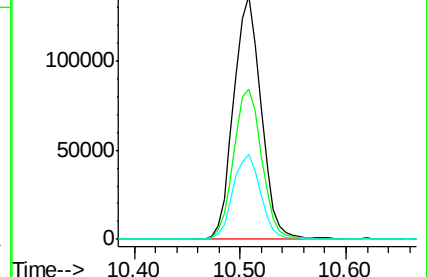
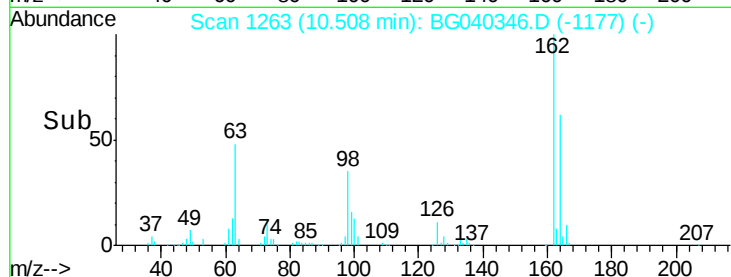
98 35.1 15.6 55.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.785 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

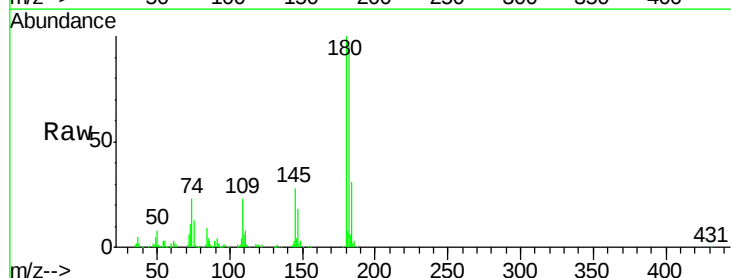
Tgt Ion:180 Resp: 263032

Ion Ratio Lower Upper

180 100

182 94.9 75.1 112.7

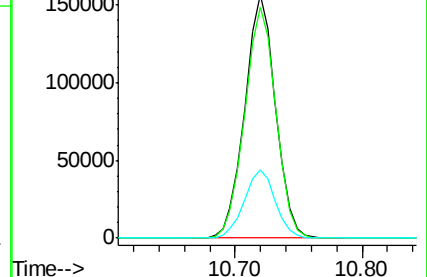
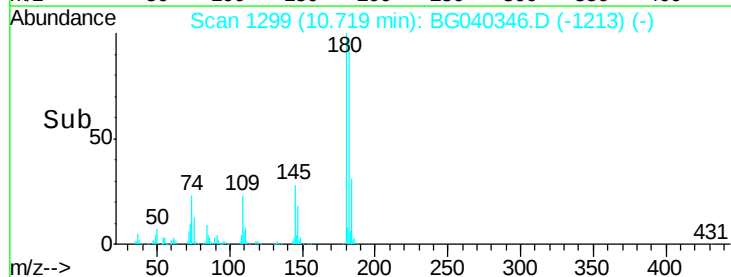
145 28.1 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

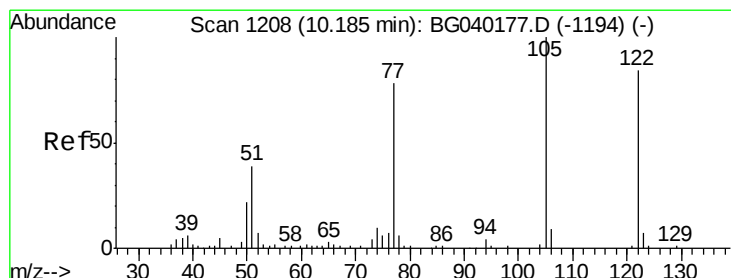
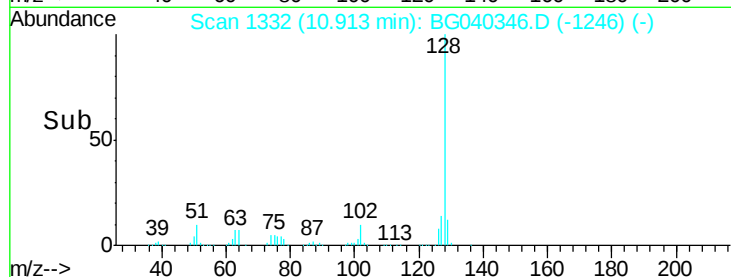
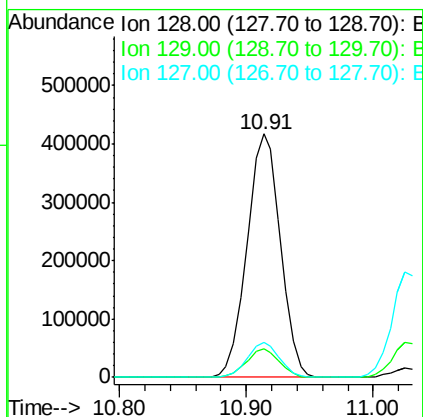
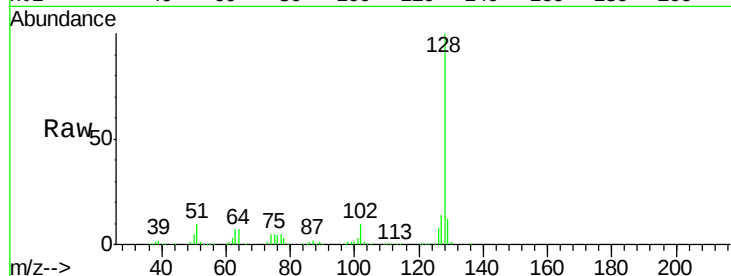




#31
Naphthalene
Concen: 42.225 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

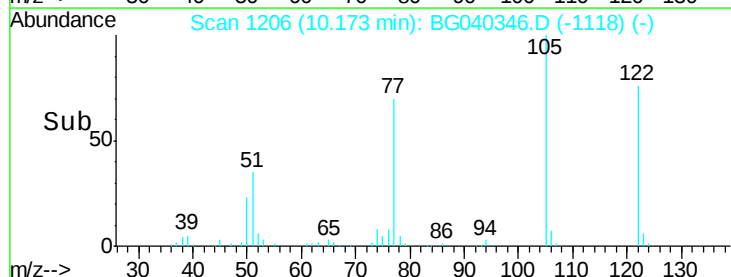
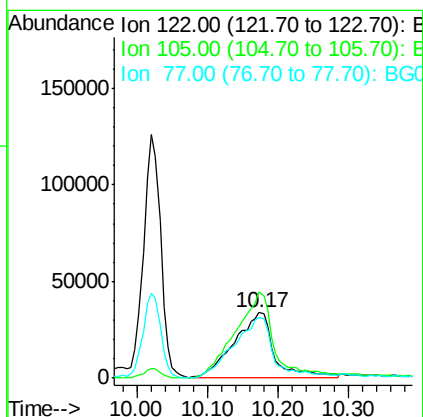
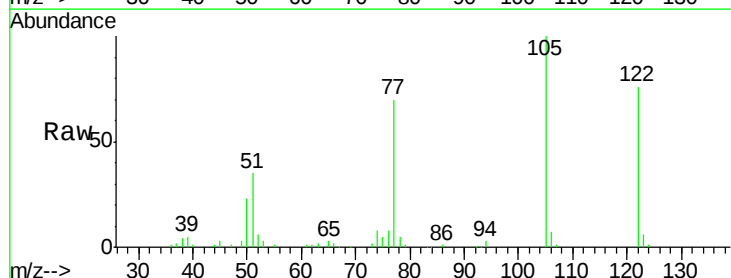
Instrument :
BNA_G
ClientSampleId :

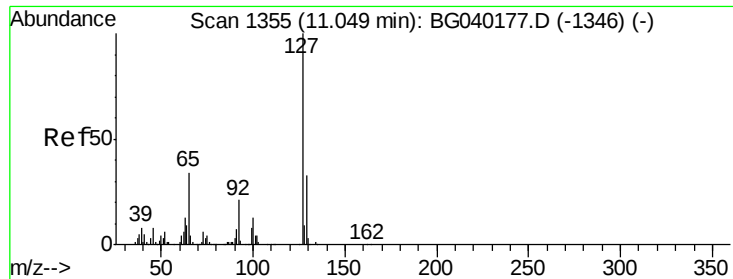
Tot Ion:128 Resp: 761364
Ion Ratio Lower Upper
128 100
129 11.9 8.9 13.3
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 41.195 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:122 Resp: 128386
Ion Ratio Lower Upper
122 100
105 131.6 98.2 138.2
77 92.7 73.6 113.6

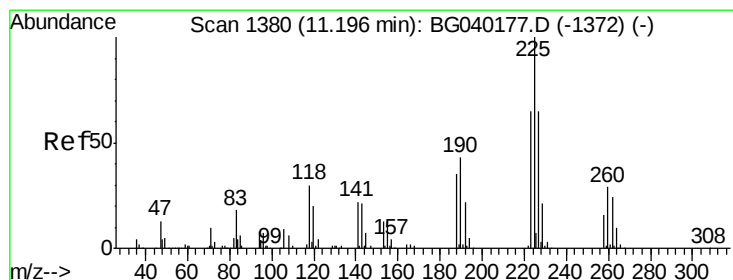
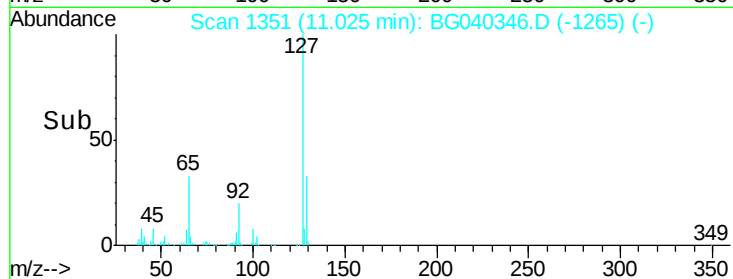
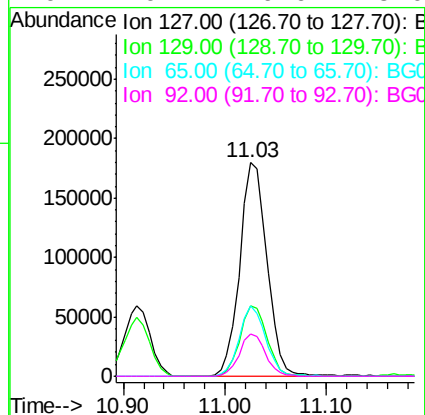
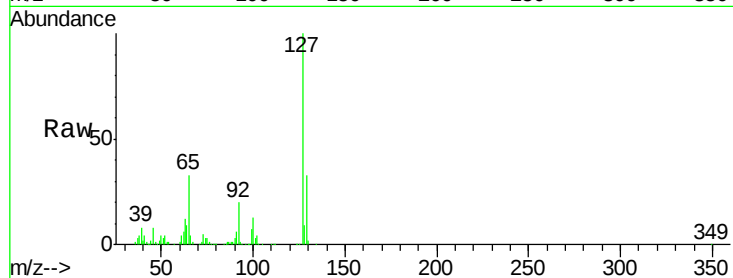




#33
4-Chloroaniline
Concen: 43.724 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

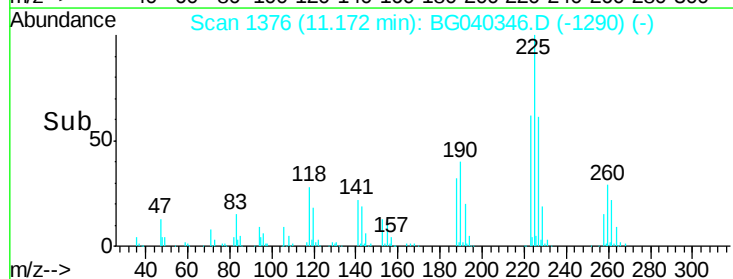
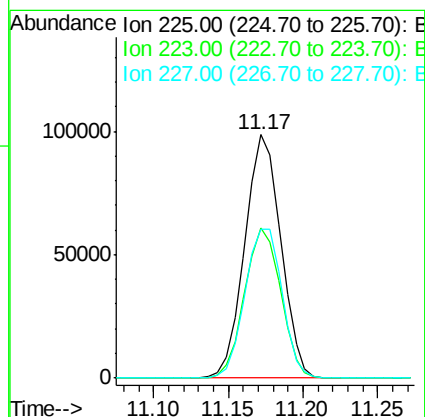
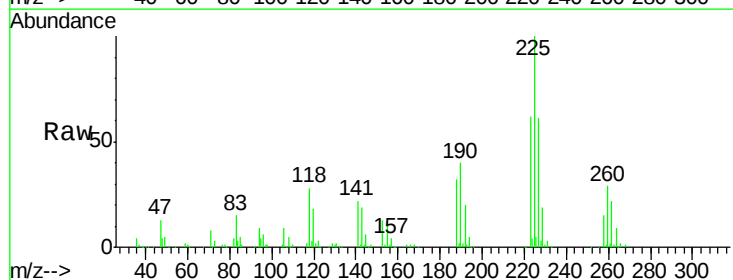
Instrument :
BNA_G
ClientSampleId :

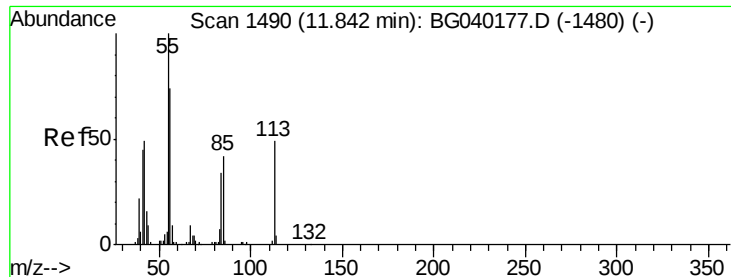
Tot Ion:	127	Resp:	336292
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.6	40.0
65	33.0	27.0	40.4
92	19.7	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.865 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:	225	Resp:	164604
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.8	77.8
227	61.3	54.9	82.3





#35

Caprolactam

Concen: 26.020 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampled :

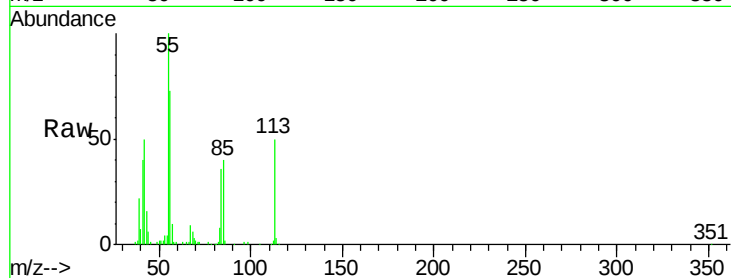
Tot Ion:113 Resp: 57813

Ion Ratio Lower Upper

113 100

55 199.9 184.2 224.2

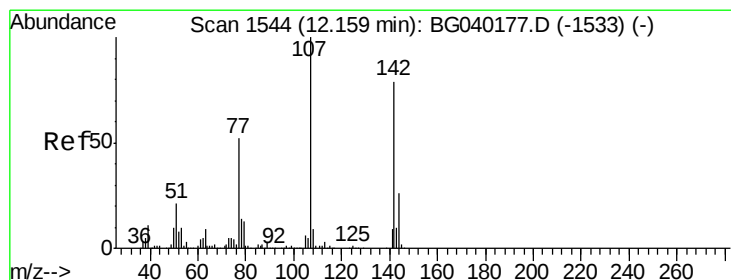
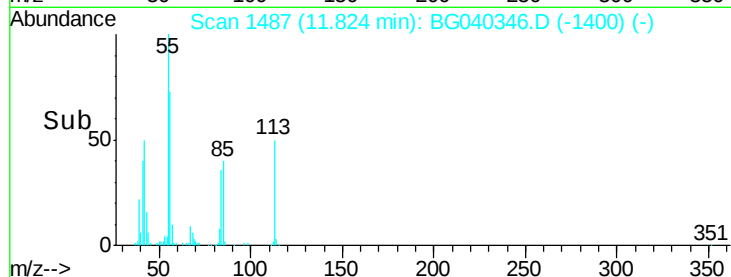
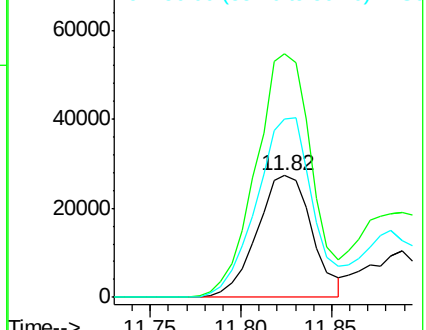
56 146.3 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.683 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

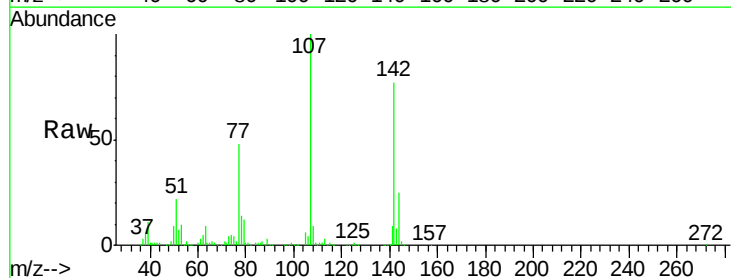
Tgt Ion:107 Resp: 274734

Ion Ratio Lower Upper

107 100

144 24.9 20.5 30.7

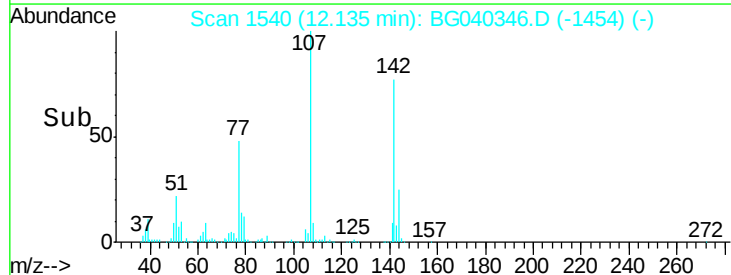
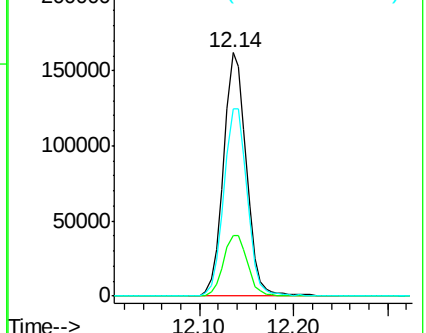
142 77.2 63.1 94.7

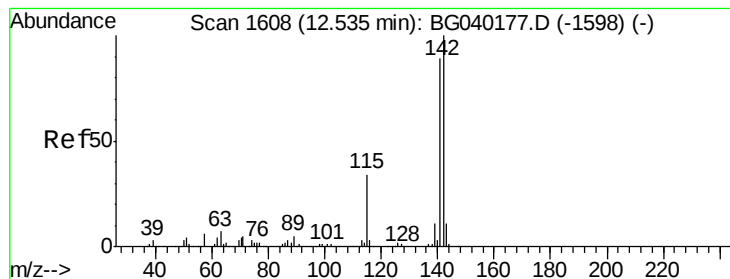


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.616 ng

RT: 12.51 min Scan# 1604

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

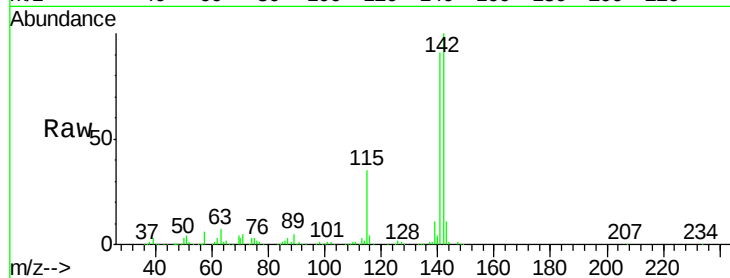
Tot Ion:142 Resp: 568315

Ion Ratio Lower Upper

142 100

141 90.7 71.0 106.6

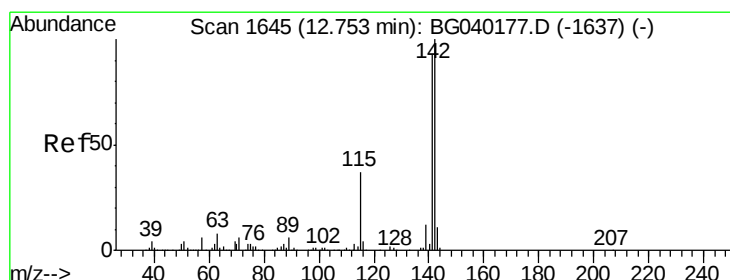
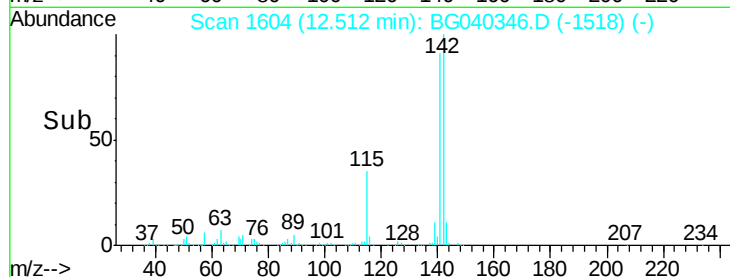
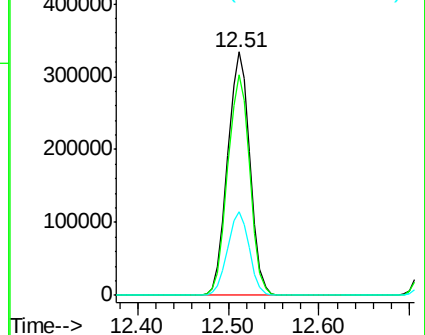
115 34.5 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.413 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

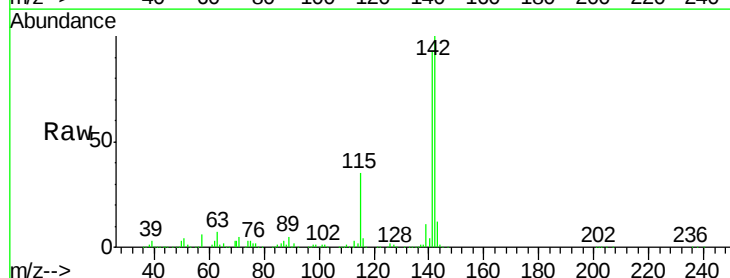
Tgt Ion:142 Resp: 535537

Ion Ratio Lower Upper

142 100

141 92.5 74.2 111.4

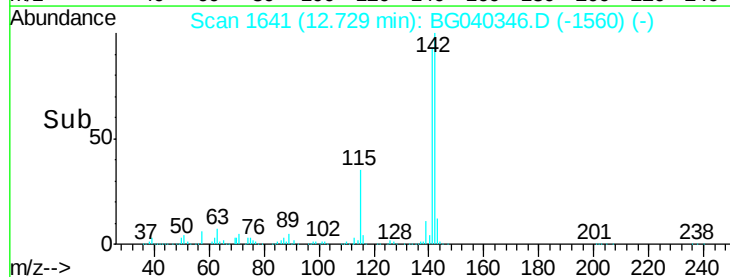
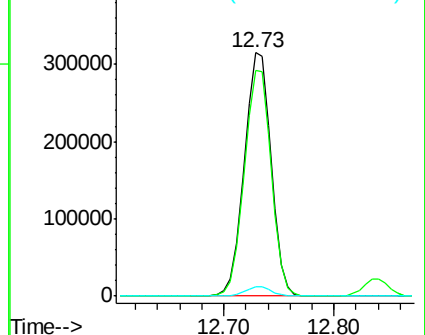
116 4.1 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

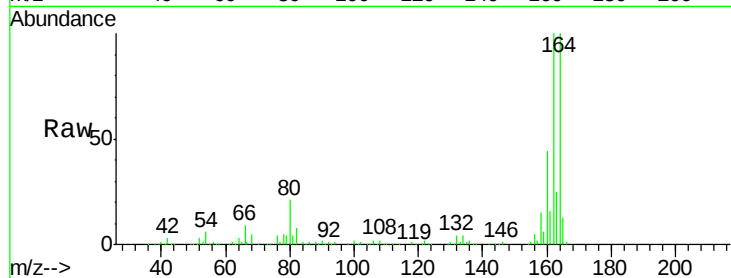
Tot Ion:164 Resp: 216822

Ion Ratio Lower Upper

164 100

162 100.1 77.4 116.2

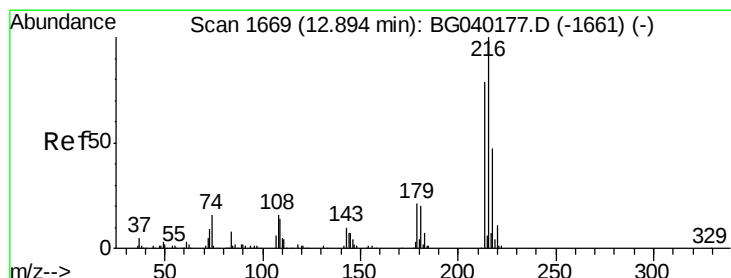
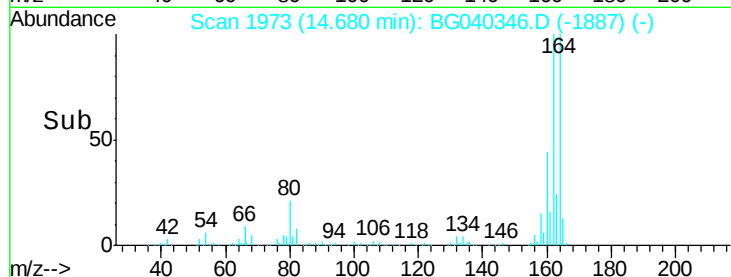
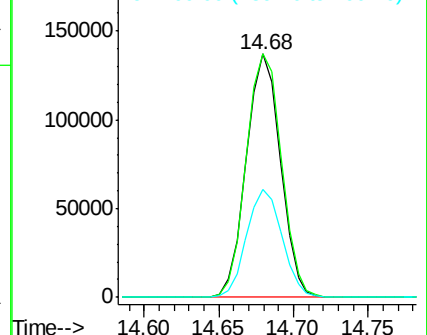
160 44.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.028 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Tgt Ion:216 Resp: 289628

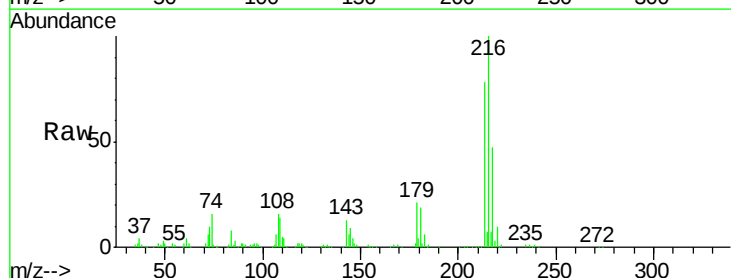
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 20.6 16.6 25.0

108 19.4 13.8 20.8

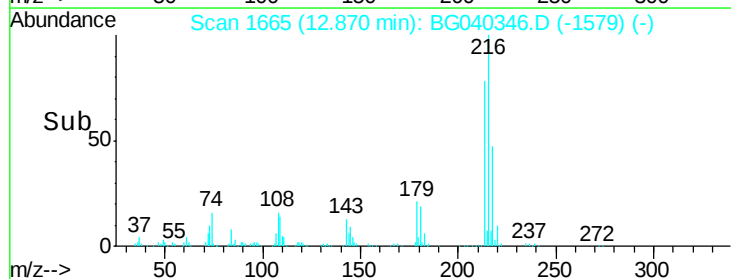
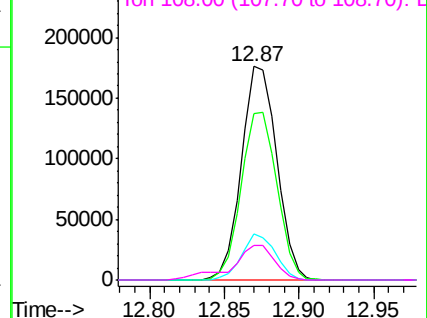


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.808 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

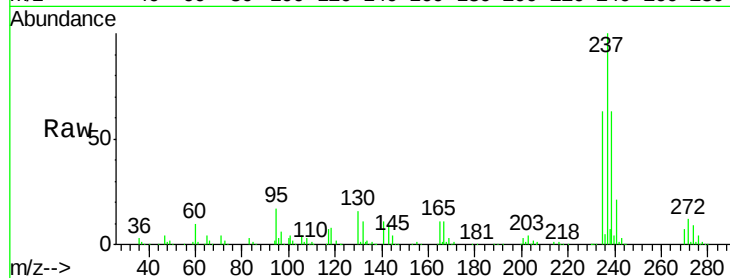
Tot Ion:237 Resp: 320902

Ion Ratio Lower Upper

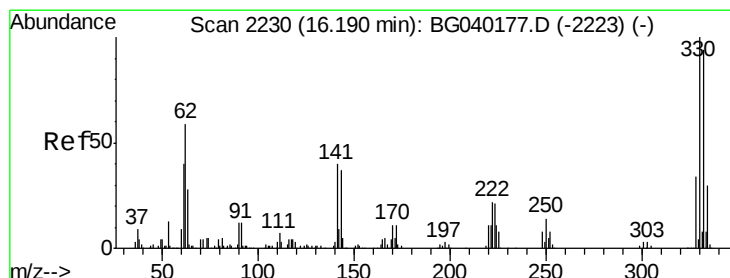
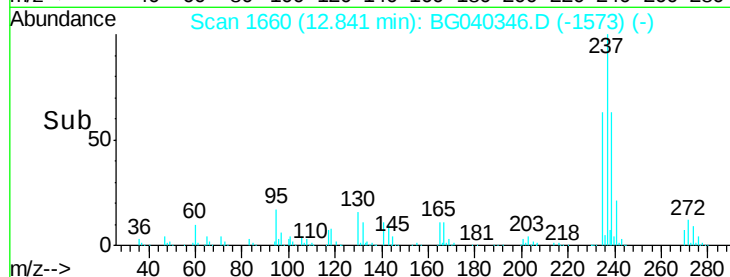
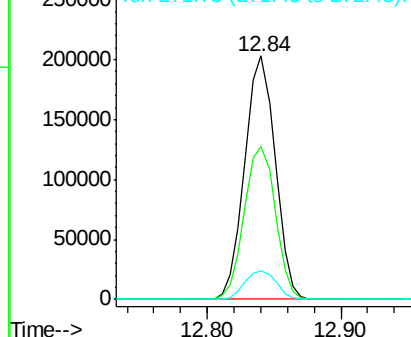
237 100

235 62.5 46.2 86.2

272 11.7 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 90.840 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

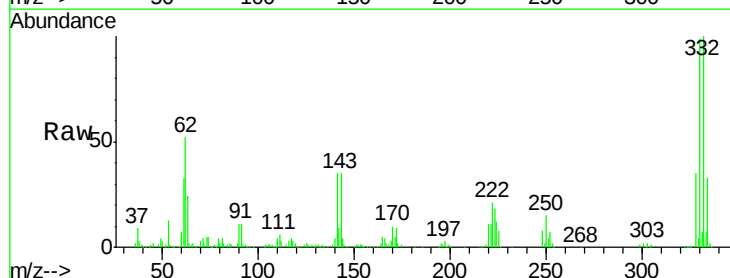
Tgt Ion:330 Resp: 212864

Ion Ratio Lower Upper

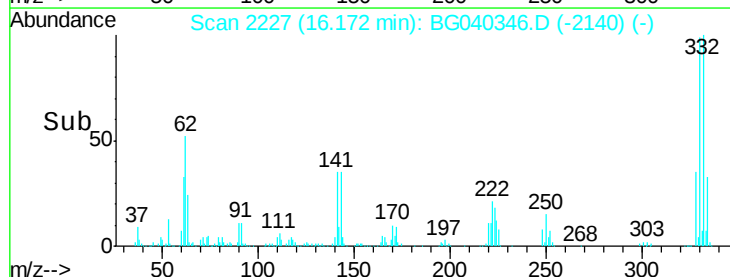
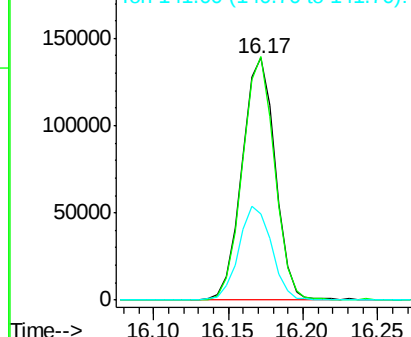
330 100

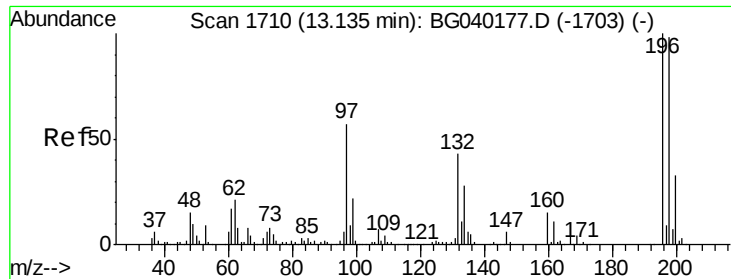
332 97.7 76.6 115.0

141 38.7 32.6 48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

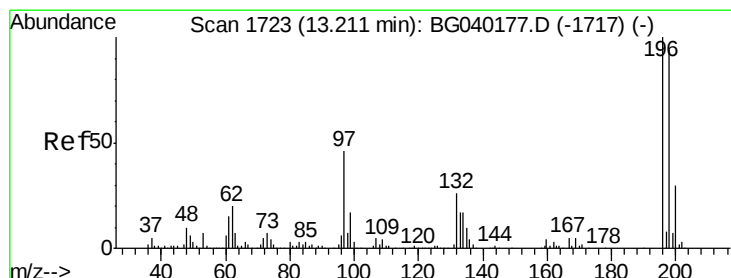
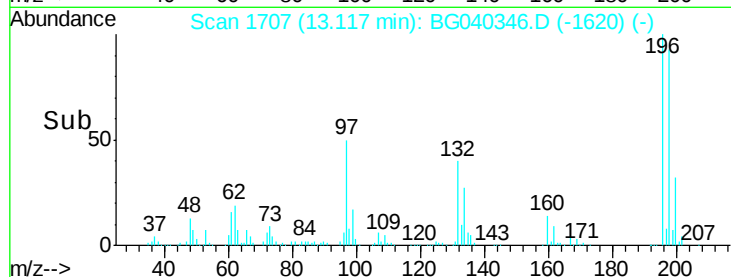
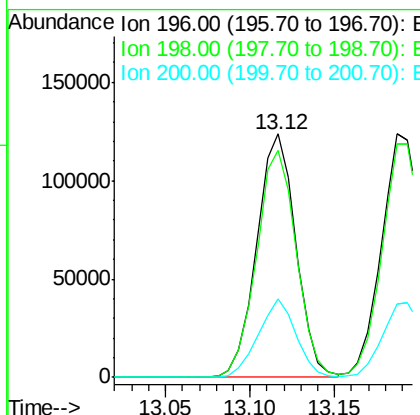
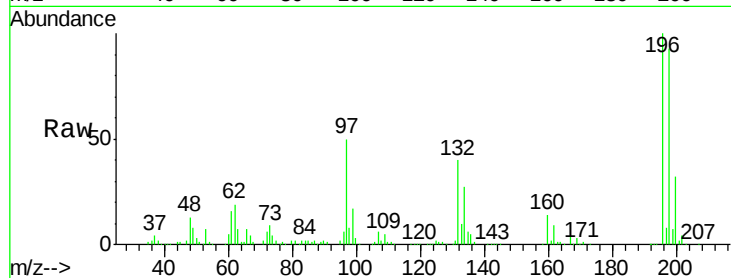




#43
 2,4,6-Trichlorophenol
 Concen: 44.463 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

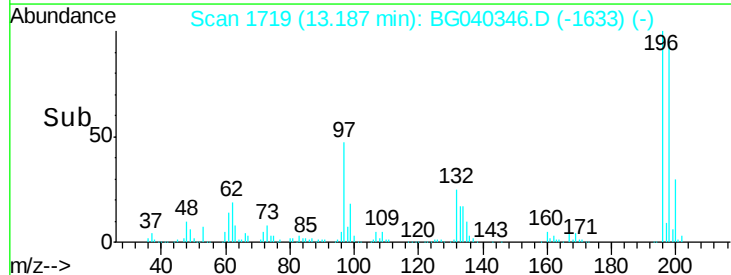
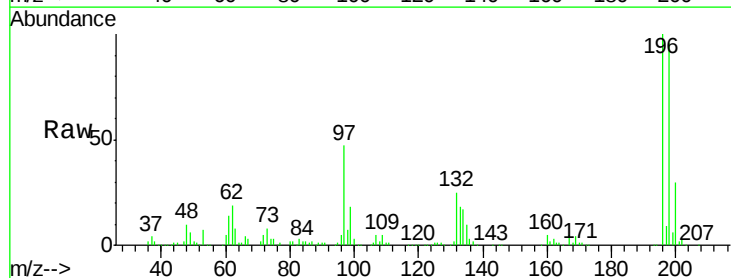
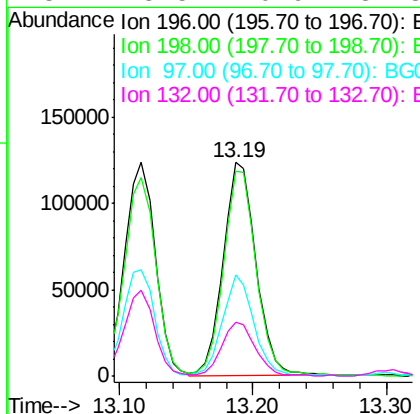
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 197554
 Ion Ratio Lower Upper
 196 100
 198 93.2 78.3 117.5
 200 32.3 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.648 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Tgt Ion:196 Resp: 211380
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.0 112.6
 97 47.5 37.3 55.9
 132 25.5 20.9 31.3



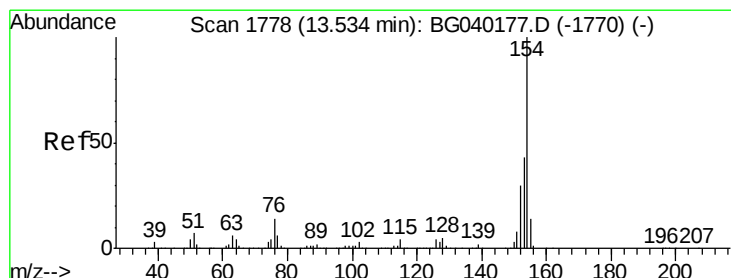
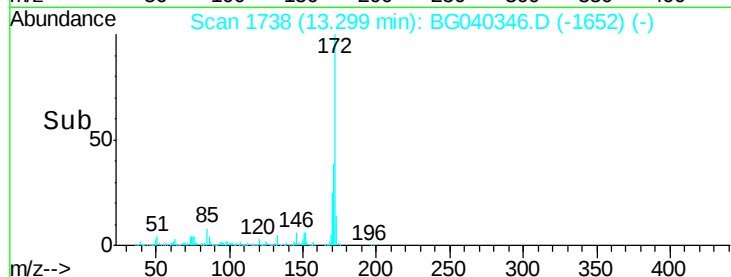
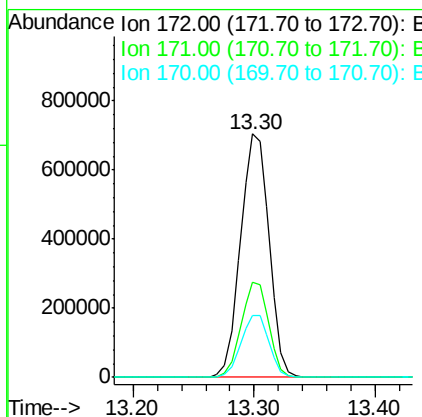
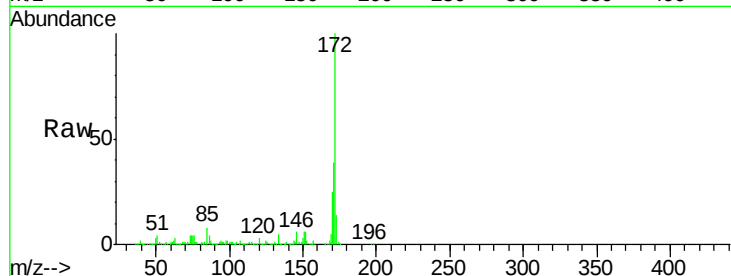


#45
 2-Fluorobiphenyl
 Concen: 79.201 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1158927

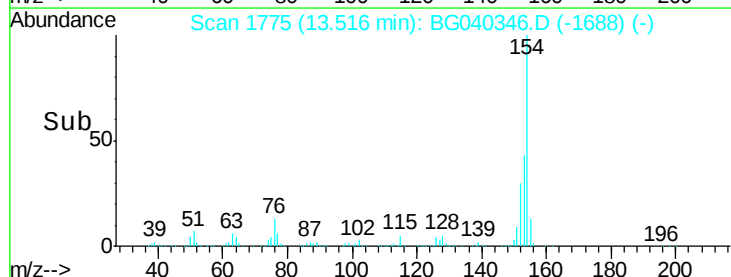
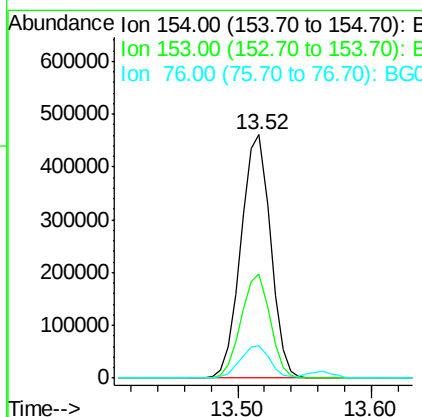
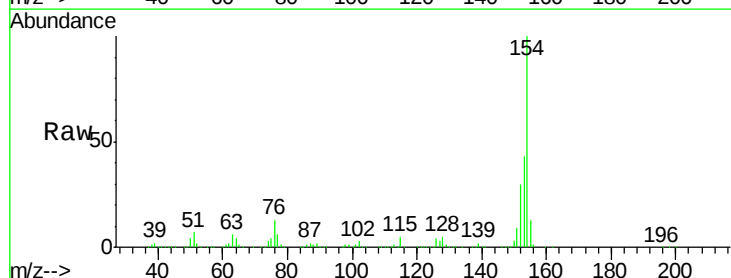
Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	25.4	20.1	30.1

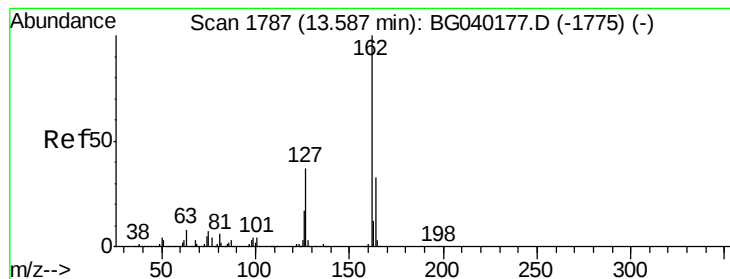


#46
 1,1'-Biphenyl
 Concen: 41.140 ng
 RT: 13.52 min Scan# 1775
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Tgt Ion:154 Resp: 704797

Ion	Ratio	Lower	Upper
154	100		
153	42.9	22.5	62.5
76	13.1	0.0	33.7





#47

2-Chloronaphthalene

Concen: 42.130 ng

RT: 13.56 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

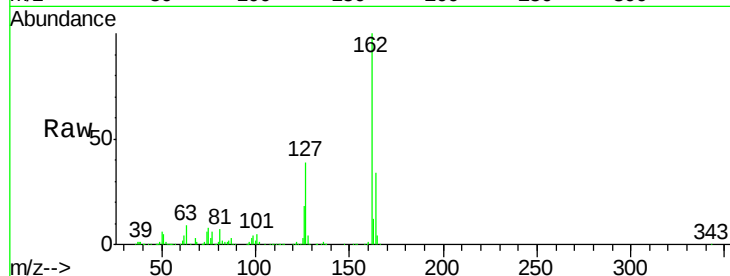
Tot Ion:162 Resp: 553642

Ion Ratio Lower Upper

162 100

127 38.6 30.6 45.8

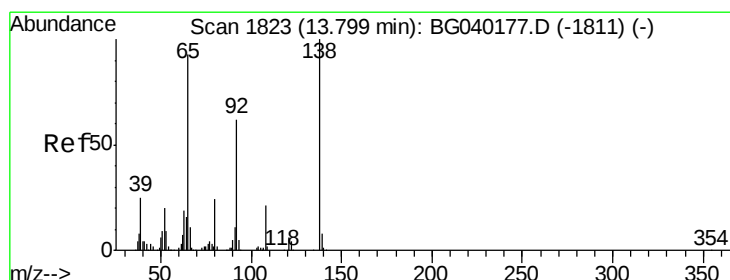
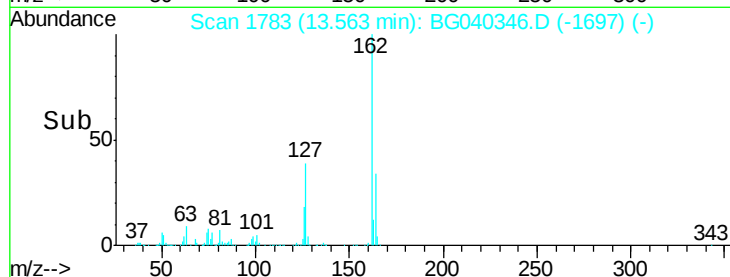
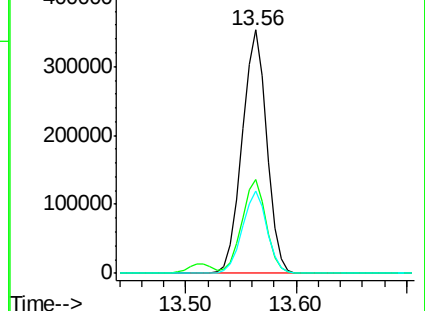
164 33.7 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.561 ng

RT: 13.77 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

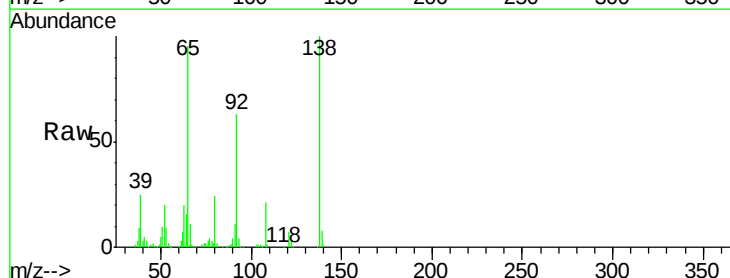
Tgt Ion: 65 Resp: 188657

Ion Ratio Lower Upper

65 100

92 66.7 53.8 80.6

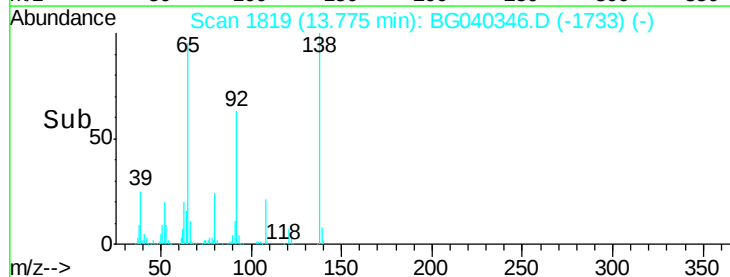
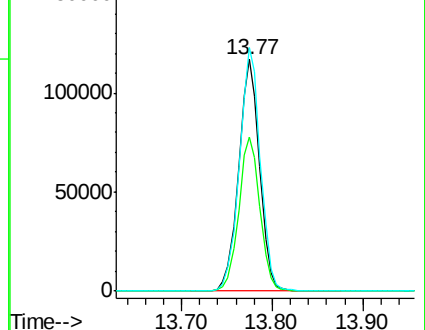
138 105.1 86.3 129.5

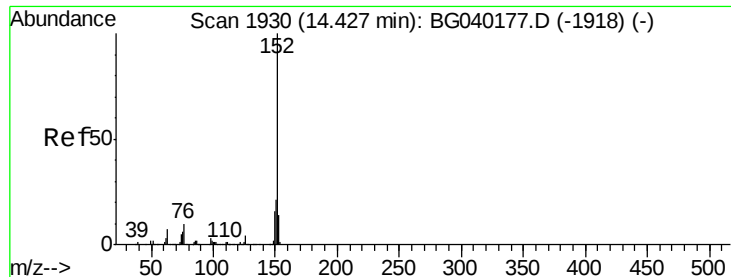


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.729 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

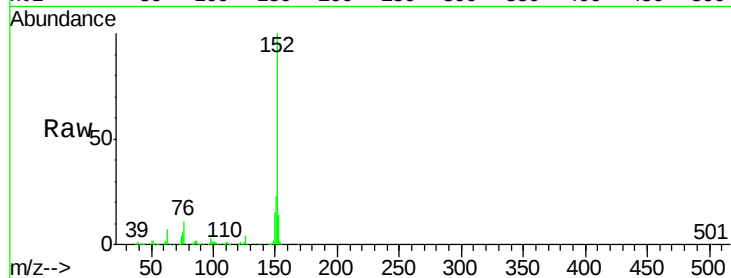
Tot Ion:152 Resp: 885180

Ion Ratio Lower Upper

152 100

151 22.7 17.0 25.6

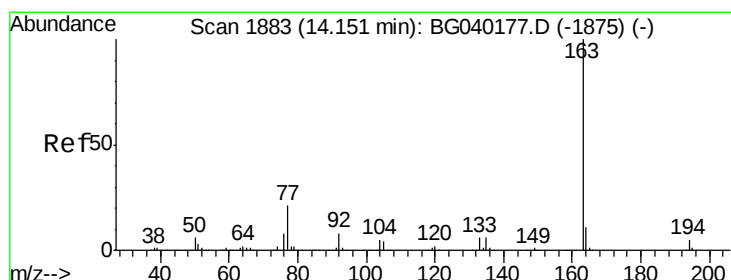
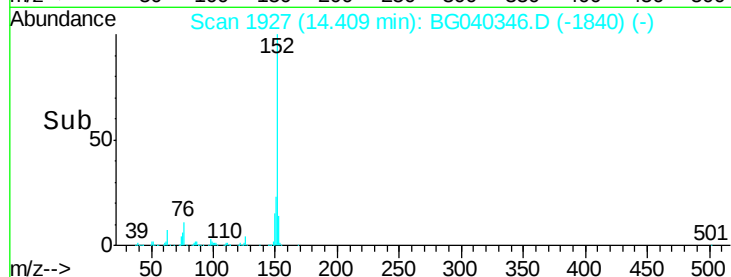
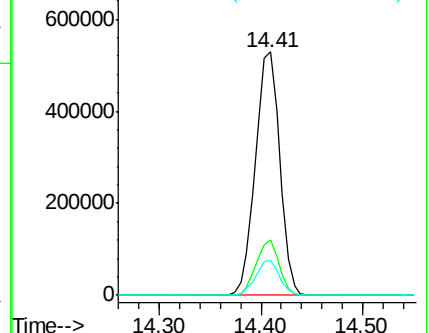
153 14.2 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.603 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

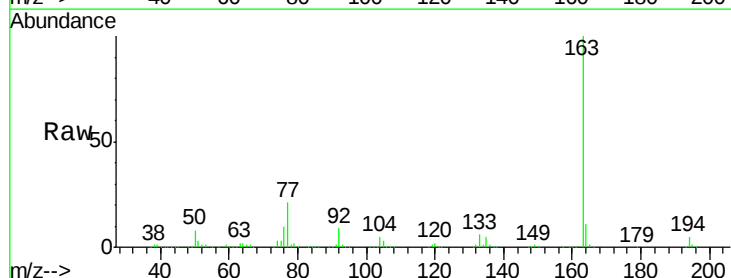
Tgt Ion:163 Resp: 705983

Ion Ratio Lower Upper

163 100

194 5.0 4.1 6.1

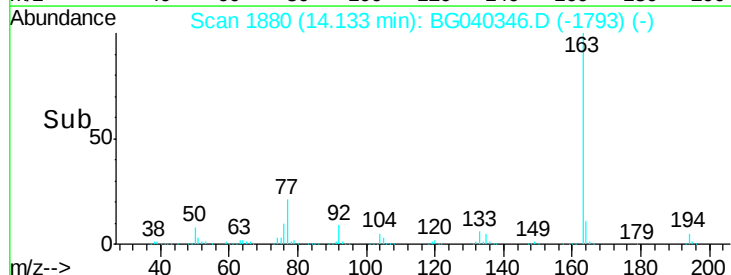
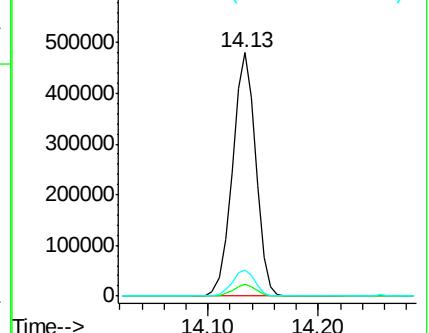
164 10.9 8.6 13.0

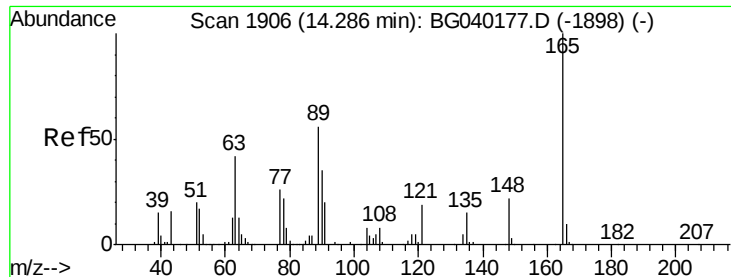


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.960 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampled :

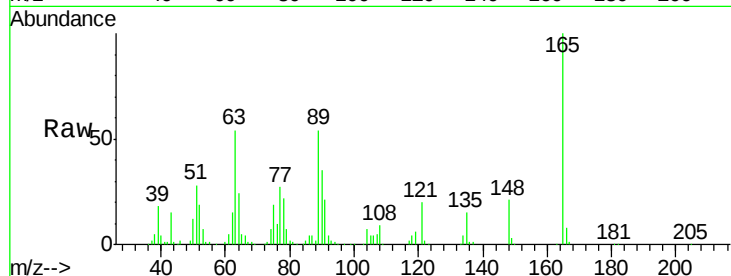
Tot Ion:165 Resp: 163689

Ion Ratio Lower Upper

165 100

63 54.1 44.1 66.1

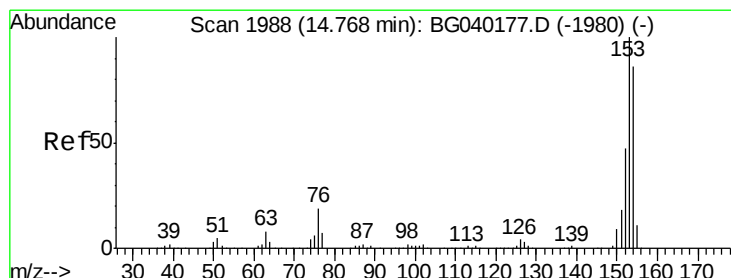
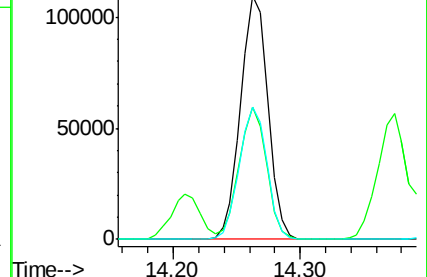
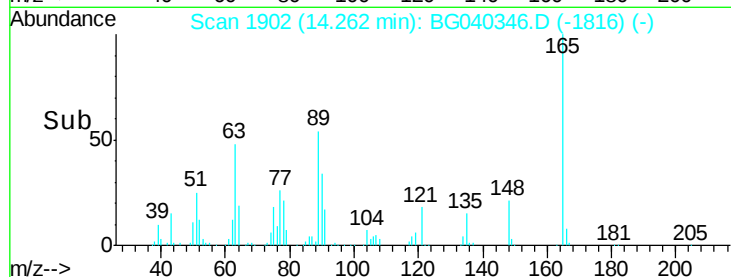
89 54.2 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.893 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

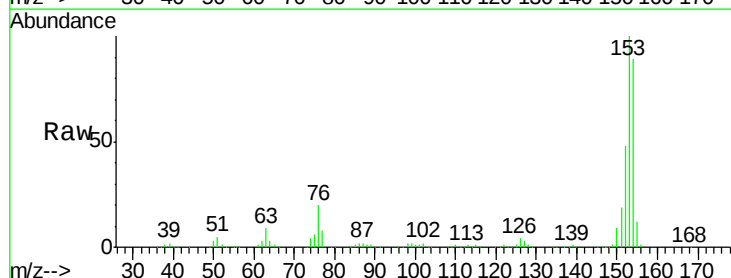
Tgt Ion:154 Resp: 522082

Ion Ratio Lower Upper

154 100

153 112.0 92.8 139.2

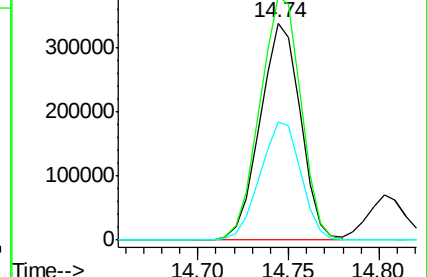
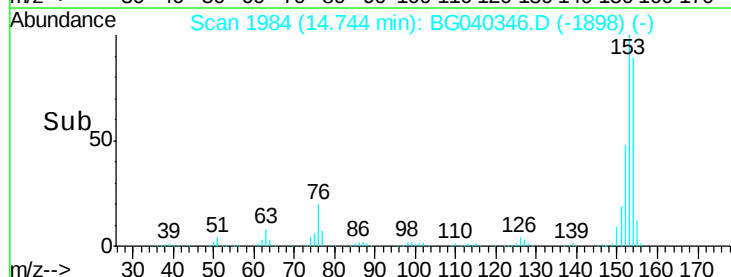
152 54.1 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

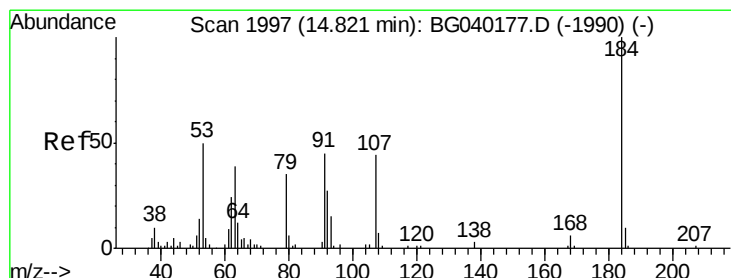
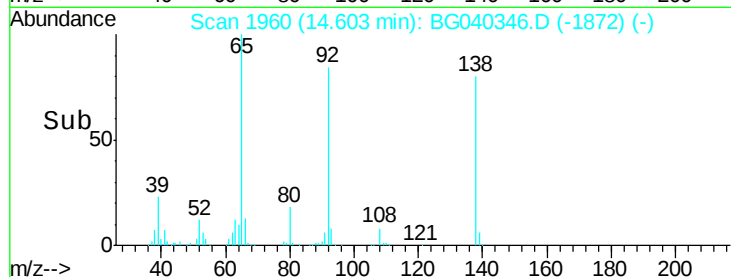
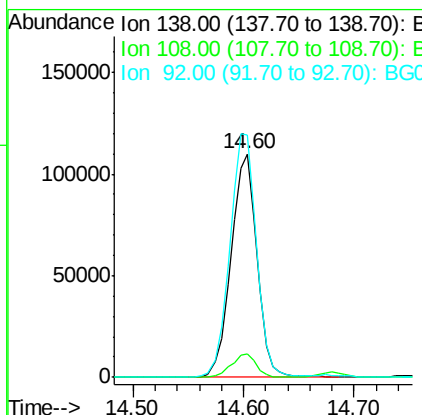
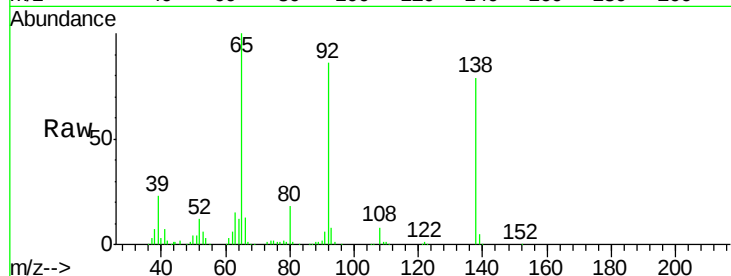




#53
3-Nitroaniline
Concen: 45.083 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

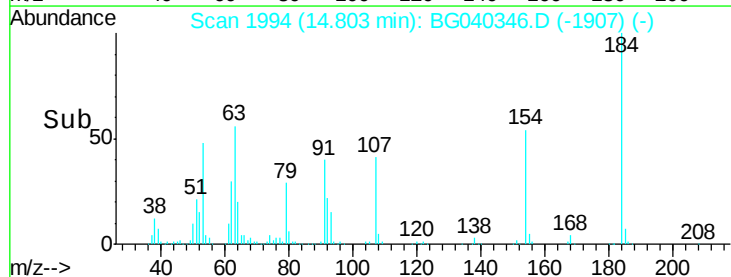
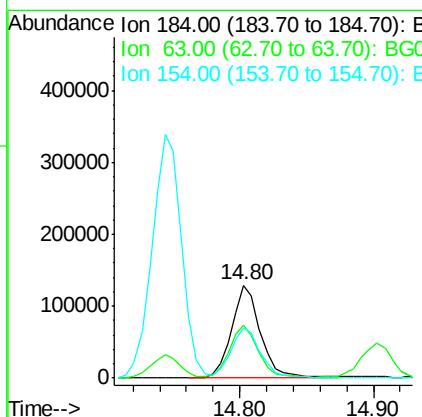
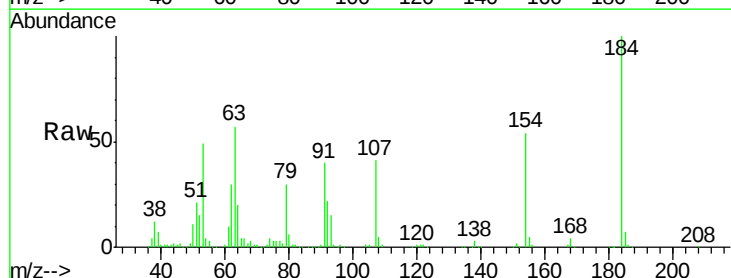
Instrument :
BNA_G
ClientSampleId :

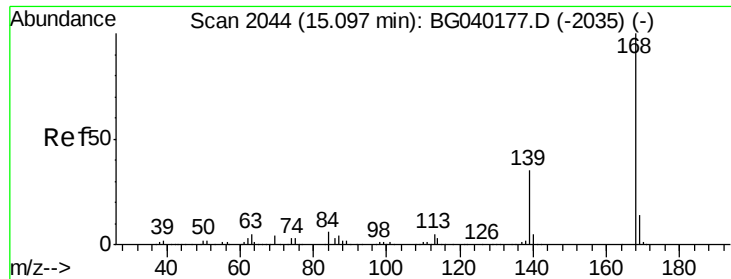
Tot Ion:138 Resp: 181829
Ion Ratio Lower Upper
138 100
108 10.4 7.8 11.8
92 108.4 87.5 131.3



#54
2,4-Dinitrophenol
Concen: 96.285 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:184 Resp: 195108
Ion Ratio Lower Upper
184 100
63 56.9 51.8 77.8
154 54.3 50.9 76.3

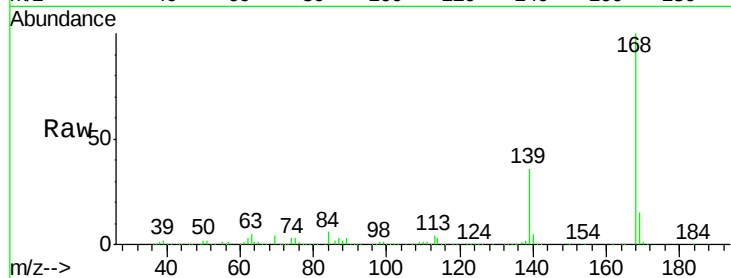




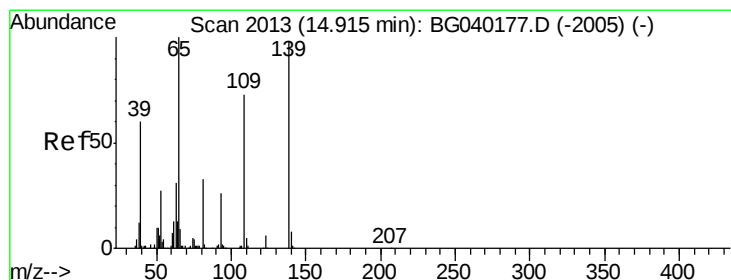
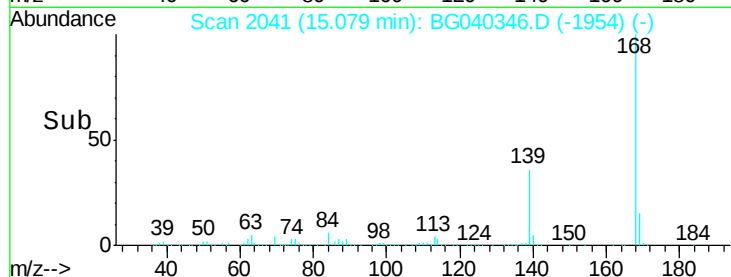
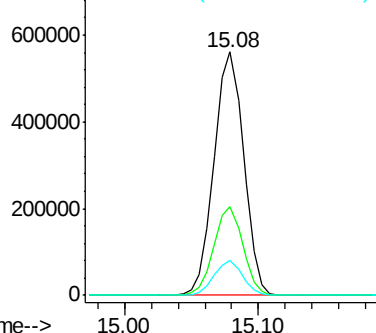
#55
Dibenzenofuran
Concen: 41.908 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 859728
Ion Ratio Lower Upper
168 100
139 36.4 27.9 41.9
169 14.6 11.3 16.9

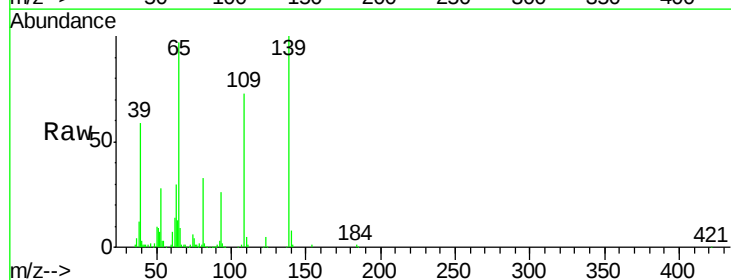


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

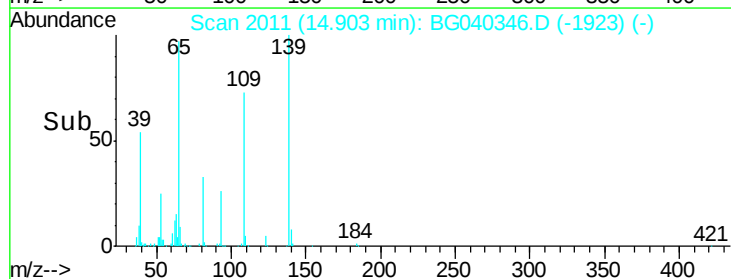
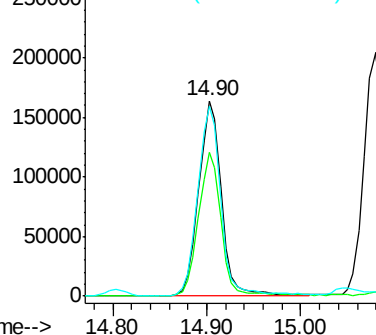


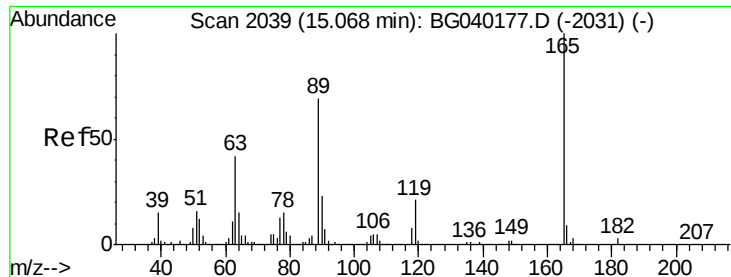
#56
4-Nitrophenol
Concen: 85.030 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:139 Resp: 276788
Ion Ratio Lower Upper
139 100
109 73.4 54.3 94.3
65 97.5 82.5 122.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

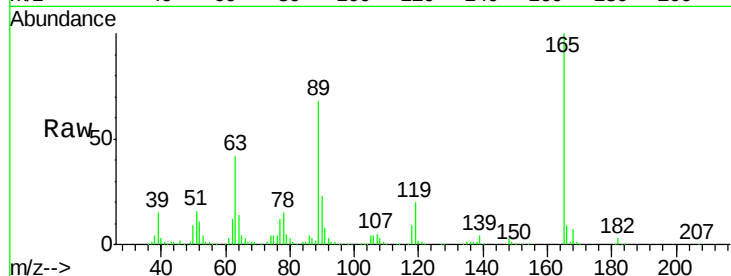




#57
2,4-Dinitrotoluene
Concen: 44.228 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.5	33.8	50.6
89	68.2	55.4	83.2
182	3.3	2.2	3.4



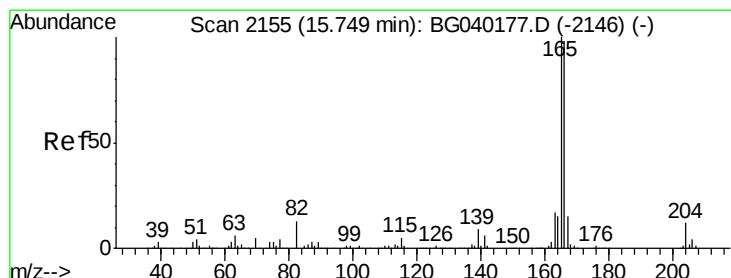
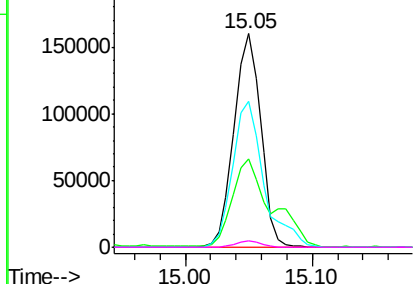
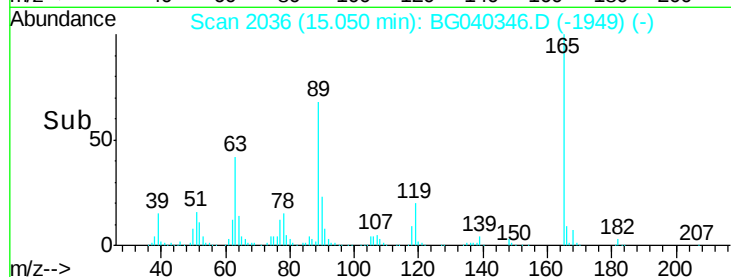
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

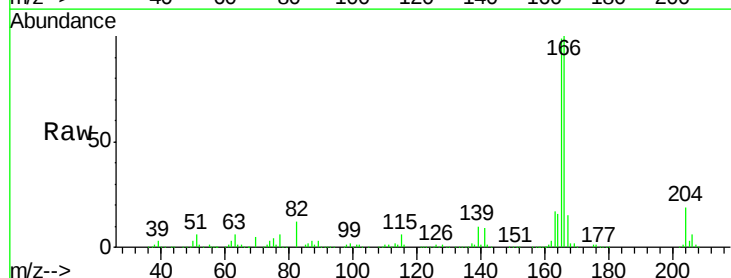
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.643 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	81.7	122.5
167	15.5	11.9	17.9

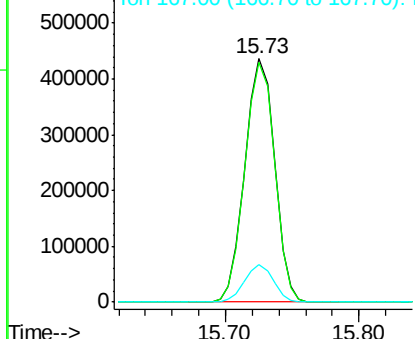
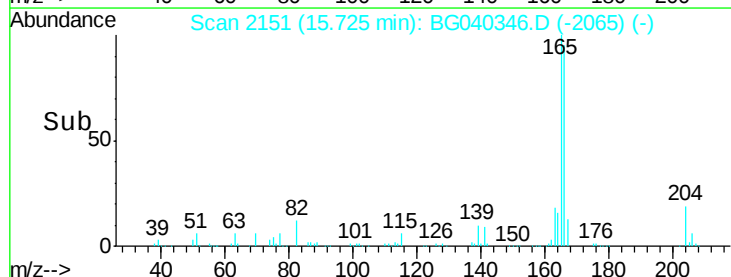


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

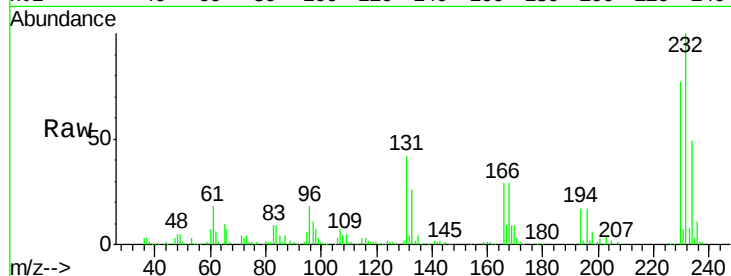




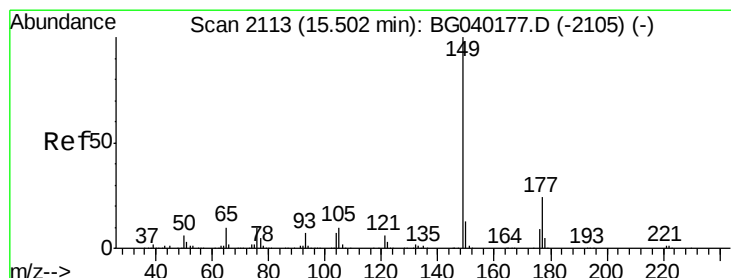
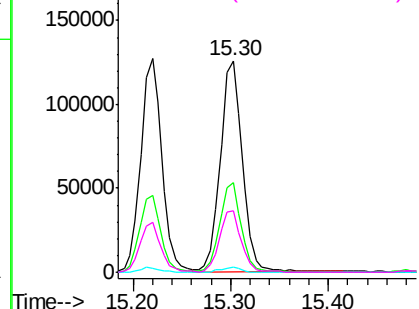
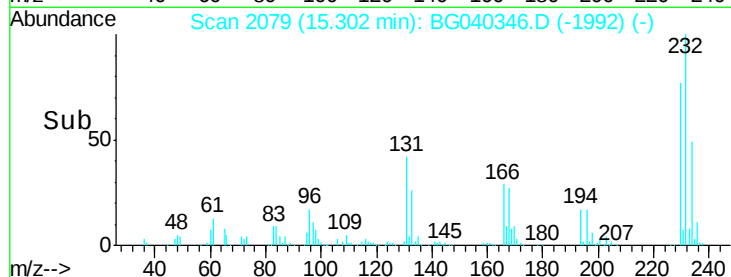
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.971 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	197632
Ion Ratio	Lower	Upper
232	100	
131	40.9	32.9 49.3
130	2.2	1.8 2.8
166	28.4	23.5 35.3

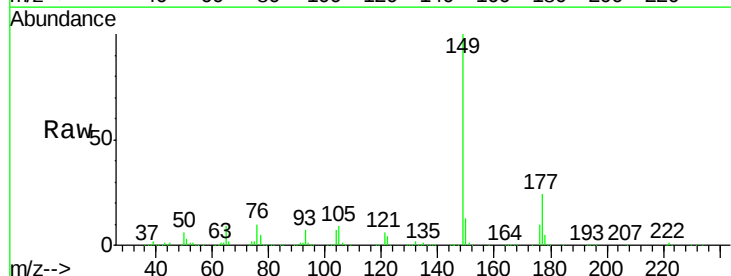


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

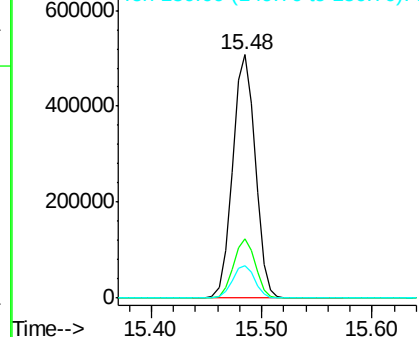
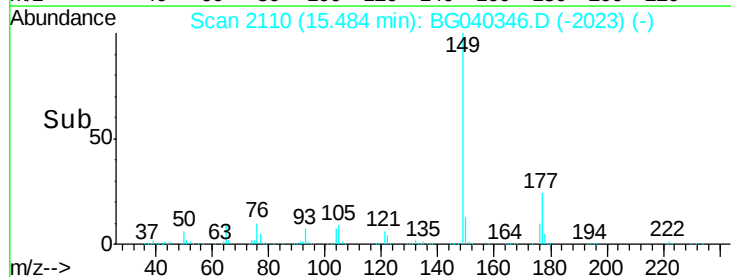


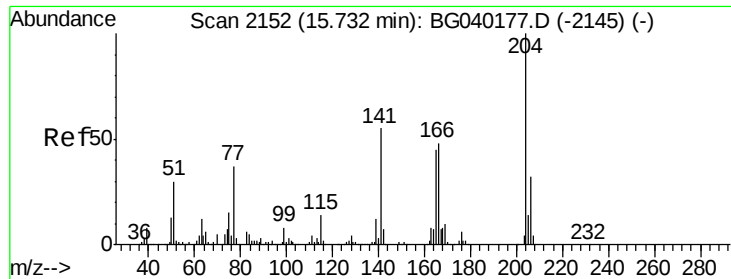
#60
 Diethylphthalate
 Concen: 41.907 ng
 RT: 15.48 min Scan# 2110
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Tgt Ion:149	Resp:	727701
Ion Ratio	Lower	Upper
149	100	
177	24.2	19.1 28.7
150	13.1	10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

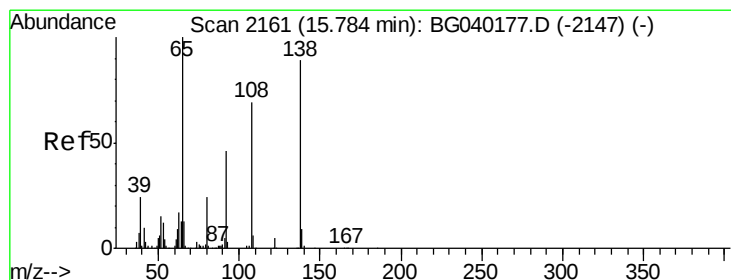
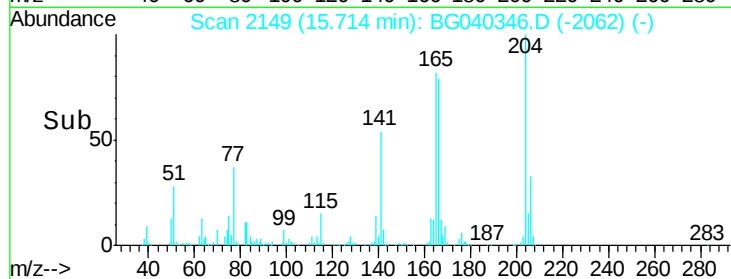
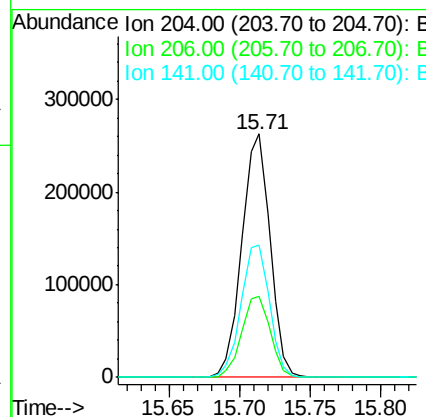
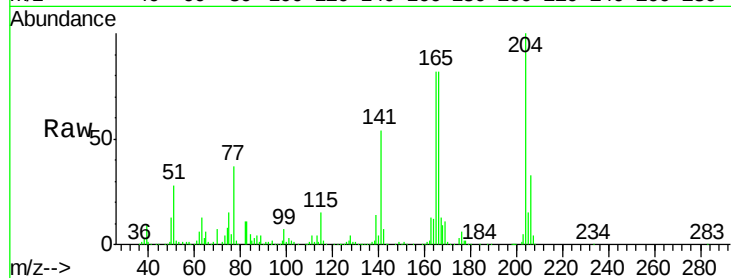




#61
 4-Chlorophenyl-phenylether
 Concen: 42.591 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

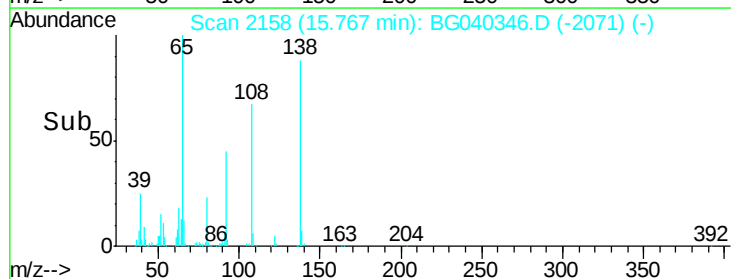
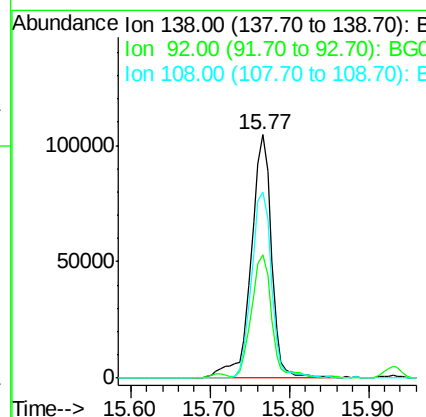
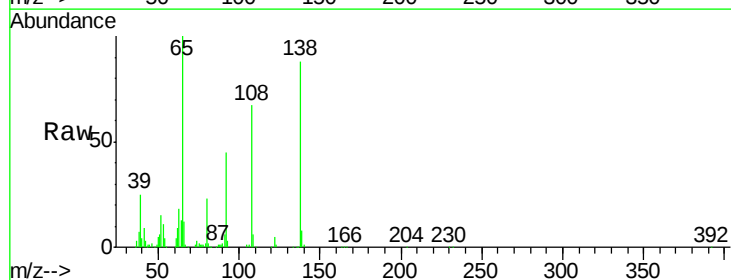
Instrument :
 BNA_G
 ClientSampleId :

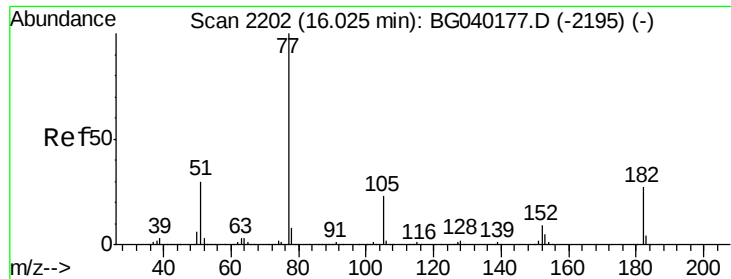
Tot Ion:204 Resp: 367198
 Ion Ratio Lower Upper
 204 100
 206 33.5 25.7 38.5
 141 54.4 44.0 66.0



#62
 4-Nitroaniline
 Concen: 43.443 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Tgt Ion:138 Resp: 188037
 Ion Ratio Lower Upper
 138 100
 92 50.9 31.8 71.8
 108 76.4 57.2 97.2





#63

Azobenzene

Concen: 41.400 ng

RT: 16.01 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 678104

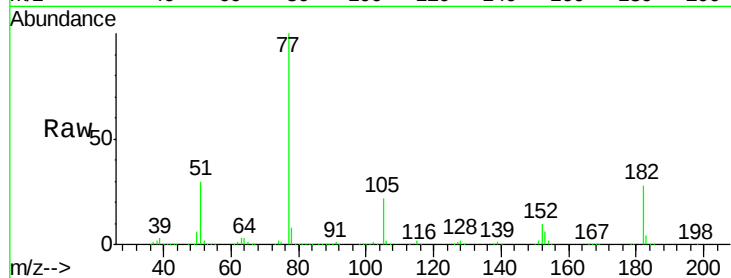
Ion Ratio Lower Upper

77 100

182 28.5 7.2 47.2

105 21.9 2.8 42.8

51 29.5 10.4 50.4

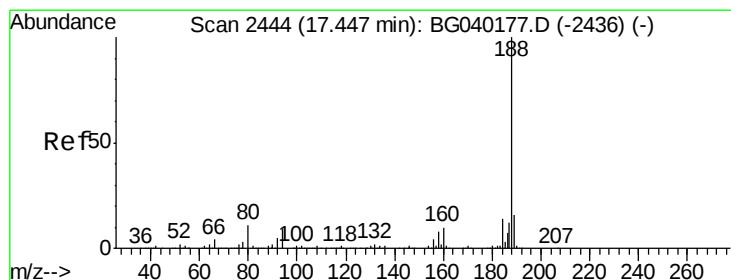
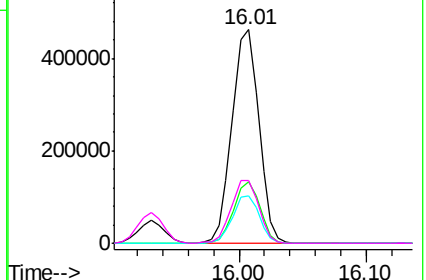
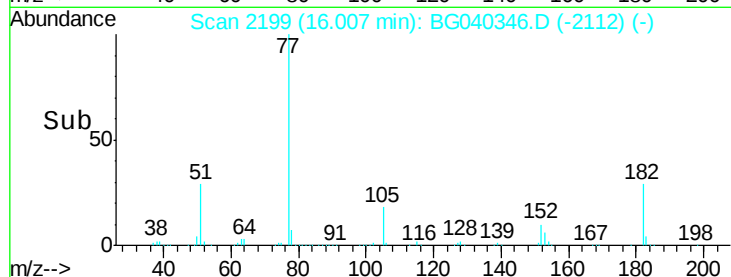


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

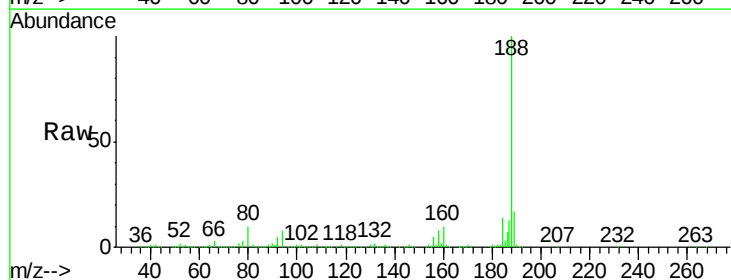
Tgt Ion: 188 Resp: 513467

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

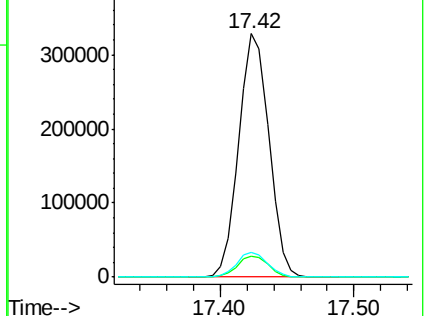
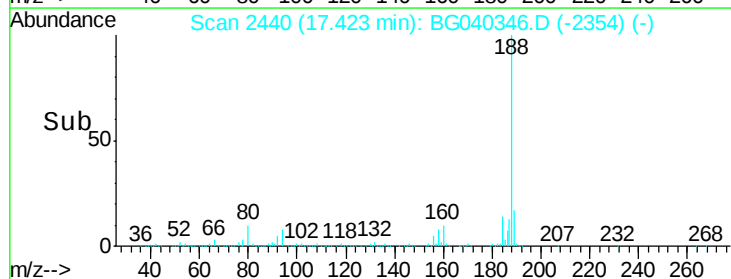
80 10.1 8.6 13.0

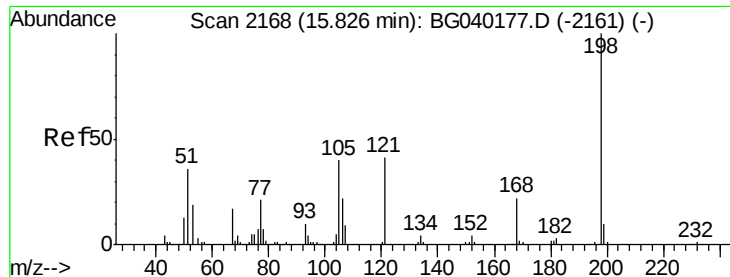


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 48.929 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

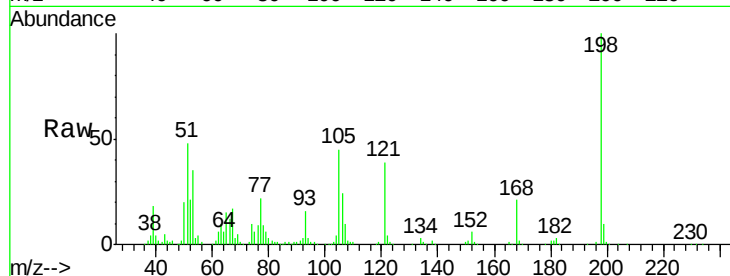
Tot Ion:198 Resp: 141148

Ion Ratio Lower Upper

198 100

51 47.9 27.3 67.3

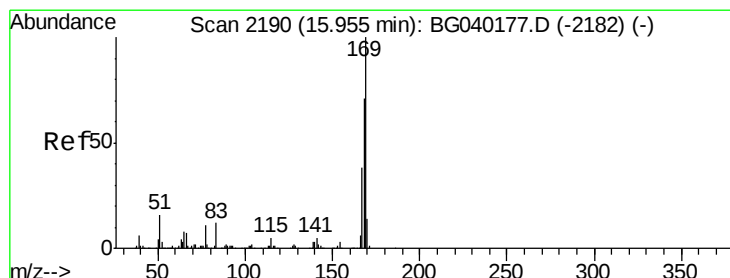
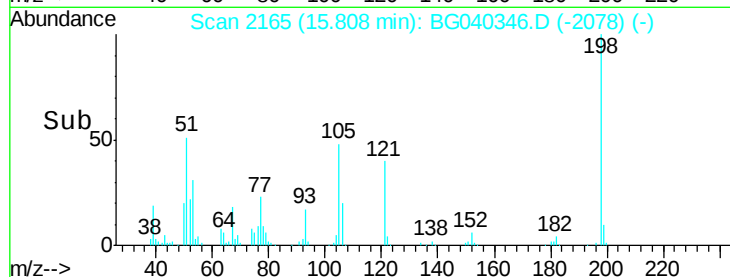
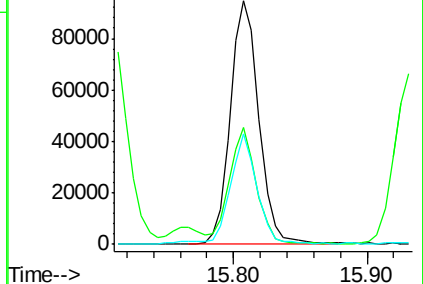
105 45.2 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.026 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

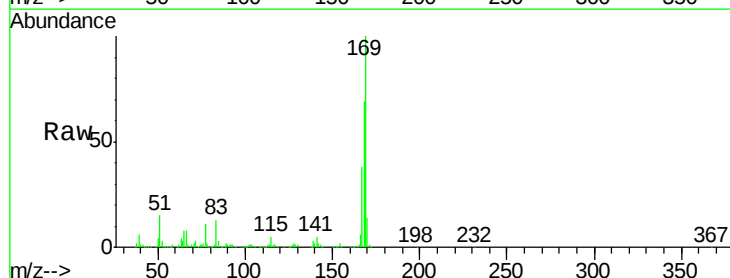
Tgt Ion:169 Resp: 631467

Ion Ratio Lower Upper

169 100

168 68.6 56.8 85.2

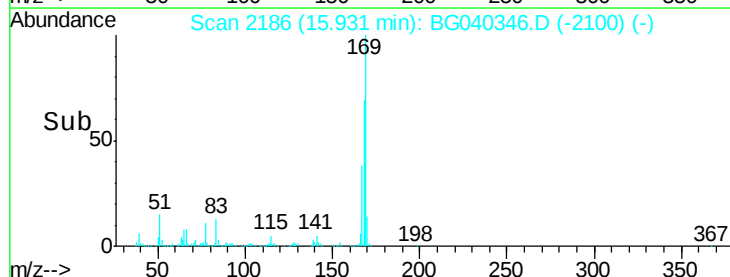
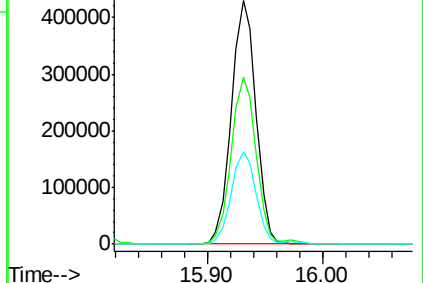
167 38.0 30.2 45.4

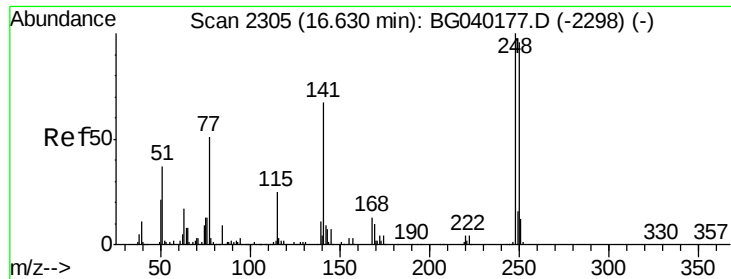


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

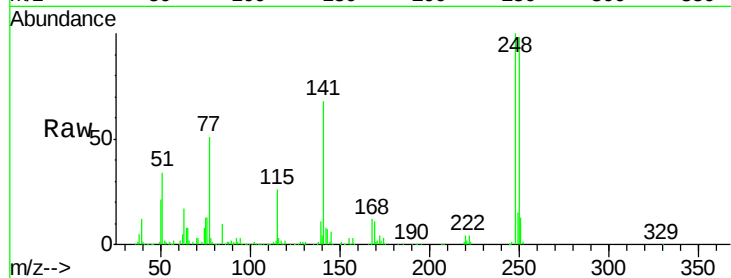




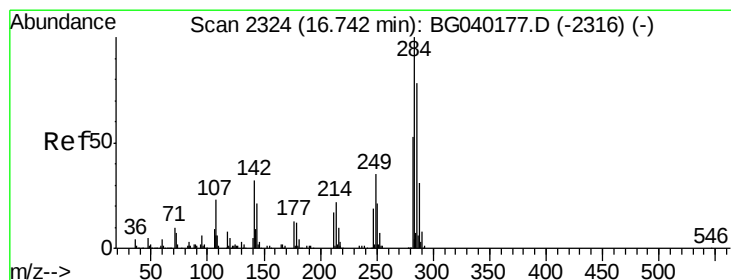
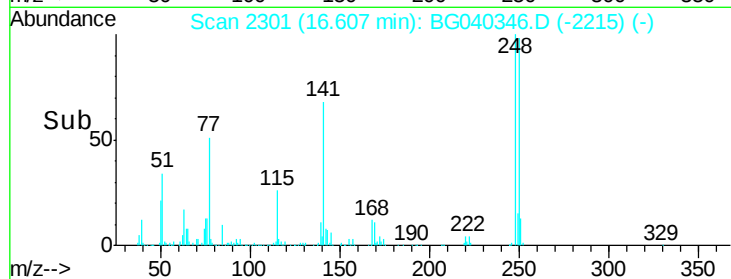
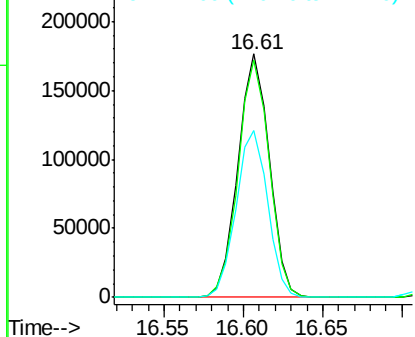
#67
4-Bromophenyl-phenylether
Concen: 41.917 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 242209
Ion Ratio Lower Upper
248 100
250 97.7 76.4 114.6
141 68.3 53.8 80.8

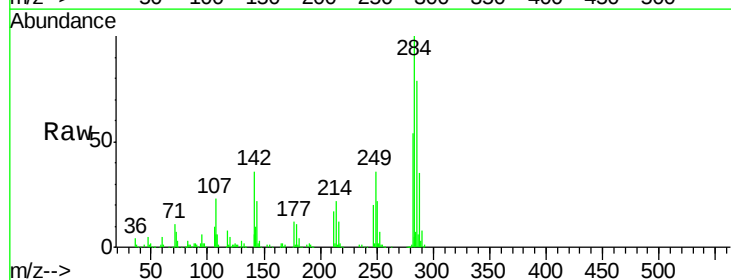


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

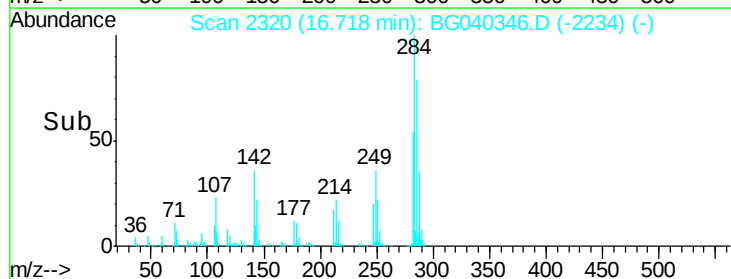
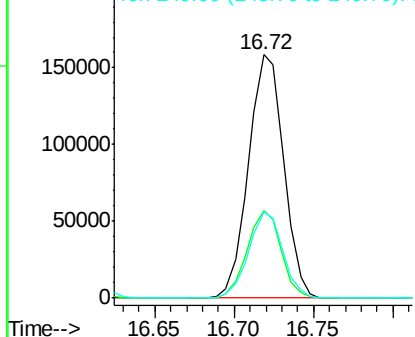


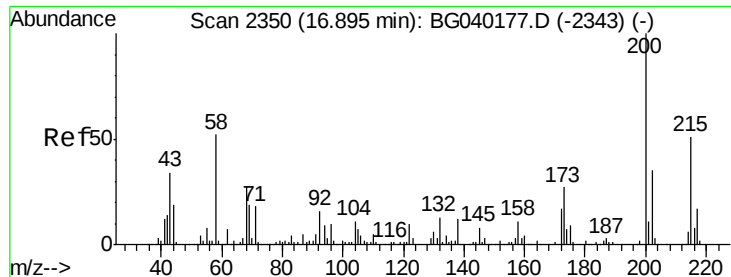
#68
Hexachlorobenzene
Concen: 42.145 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:284 Resp: 244856
Ion Ratio Lower Upper
284 100
142 36.1 25.3 37.9
249 35.6 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 14.527 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

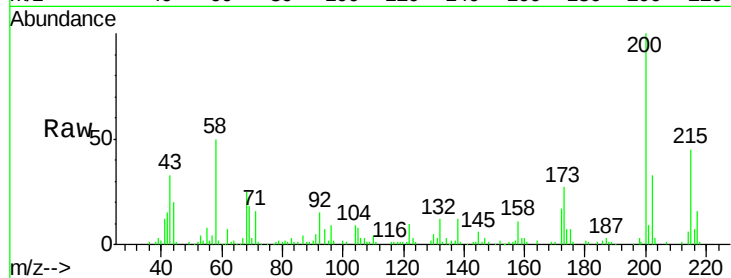
Tot Ion:200 Resp: 81194

Ion Ratio Lower Upper

200 100

173 27.0 7.1 47.1

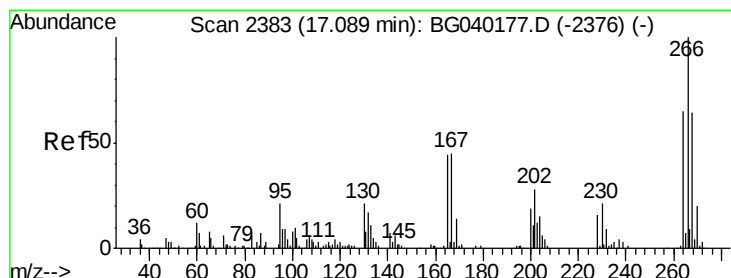
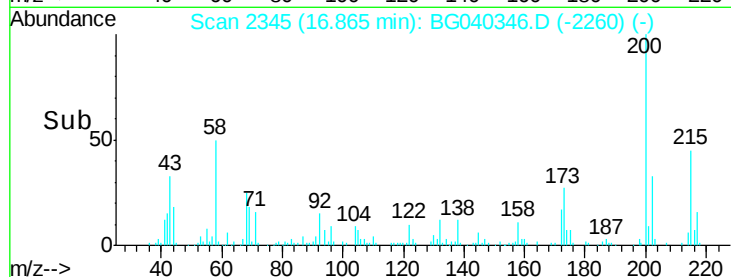
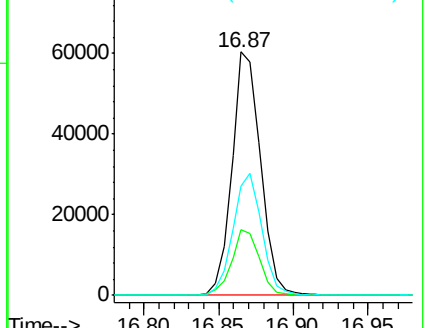
215 45.0 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 80.576 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

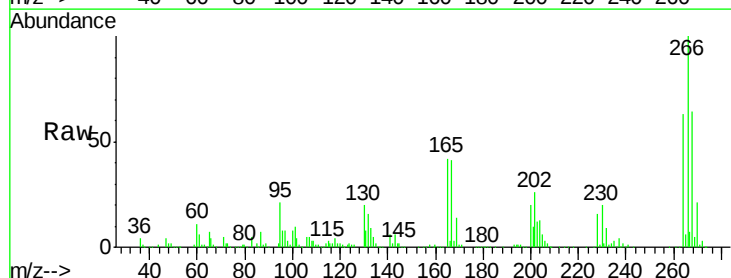
Tgt Ion:266 Resp: 270646

Ion Ratio Lower Upper

266 100

268 64.2 55.0 82.4

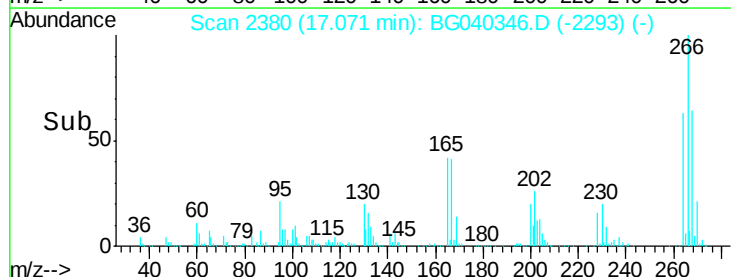
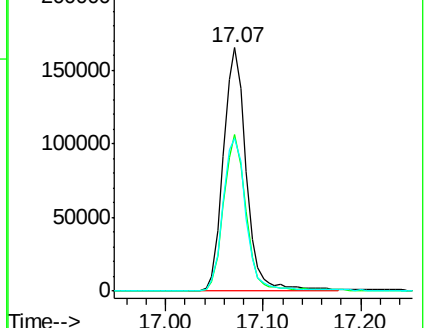
264 62.6 51.8 77.8

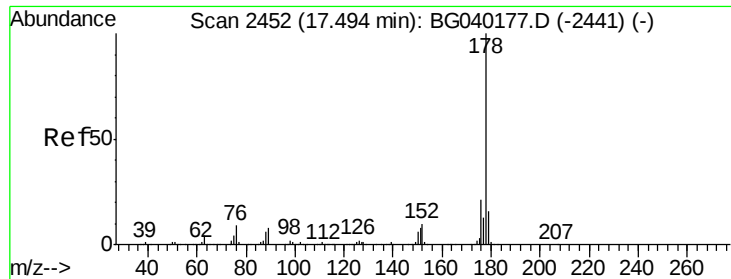


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

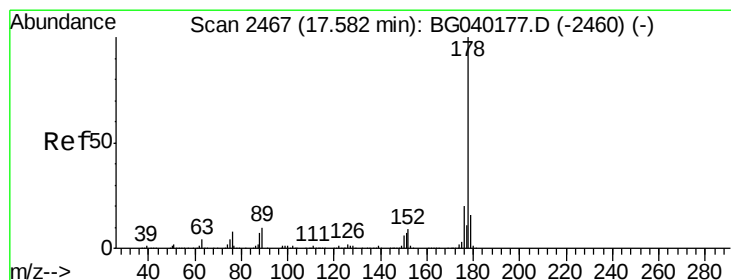
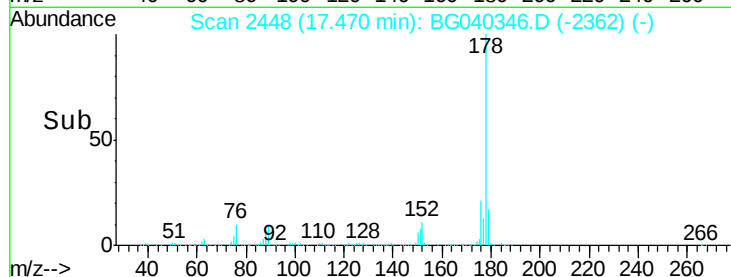
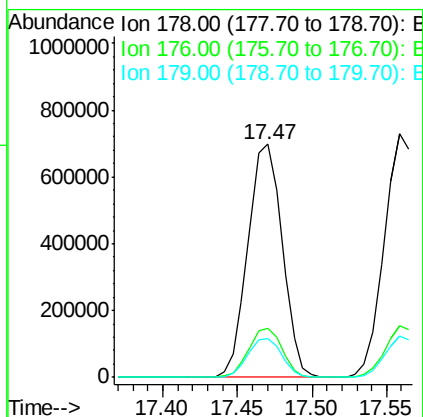
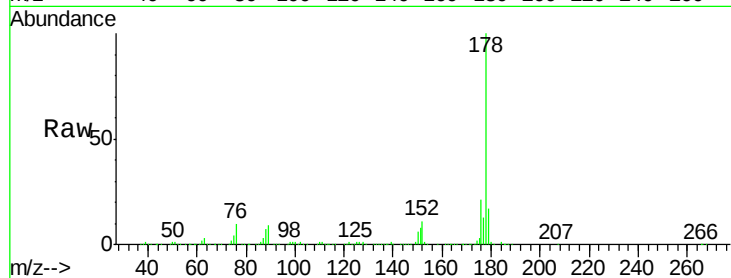




#71
Phenanthrene
Concen: 41.209 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

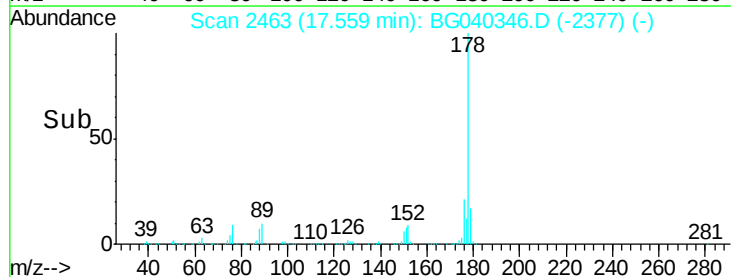
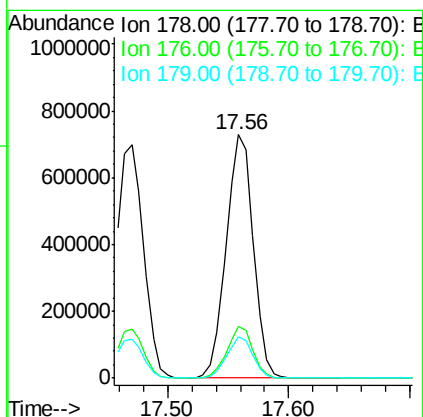
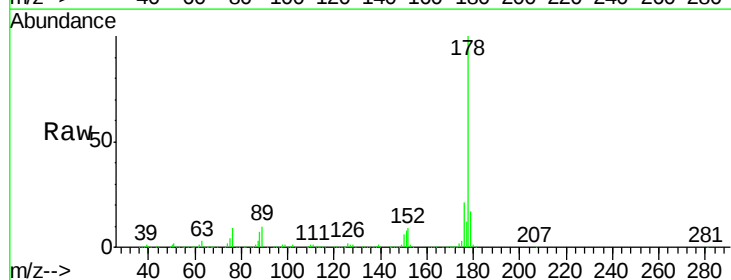
Instrument :
BNA_G
ClientSampled :

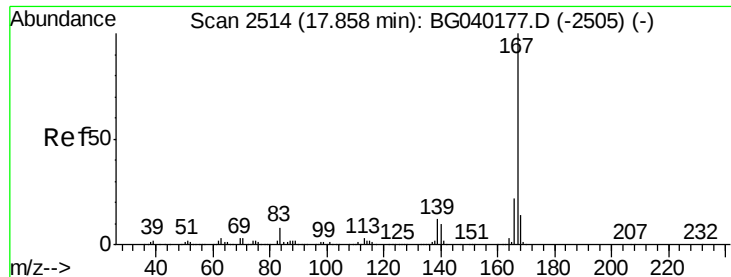
Tot Ion:178 Resp: 1112188
Ion Ratio Lower Upper
178 100
176 21.3 16.7 25.1
179 16.9 12.8 19.2



#72
Anthracene
Concen: 41.967 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:178 Resp: 1133674
Ion Ratio Lower Upper
178 100
176 21.0 15.9 23.9
179 17.1 12.9 19.3



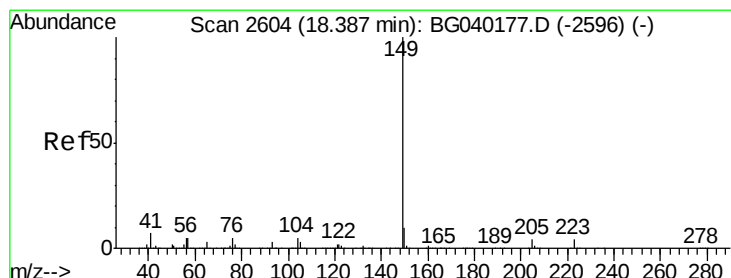
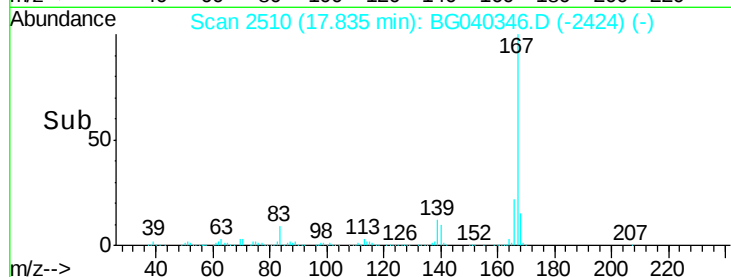
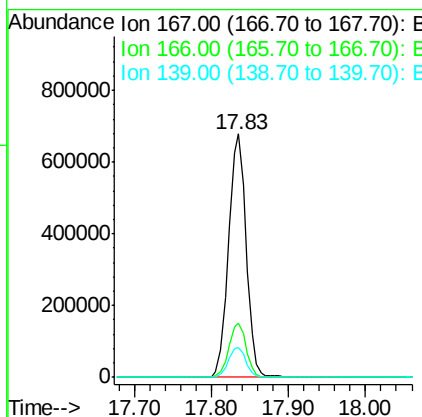
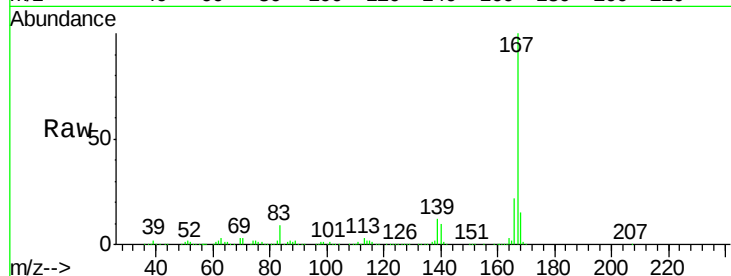


#73
 Carbazole
 Concen: 42.351 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 1082707

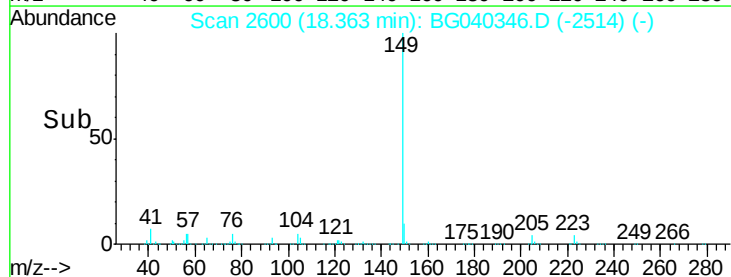
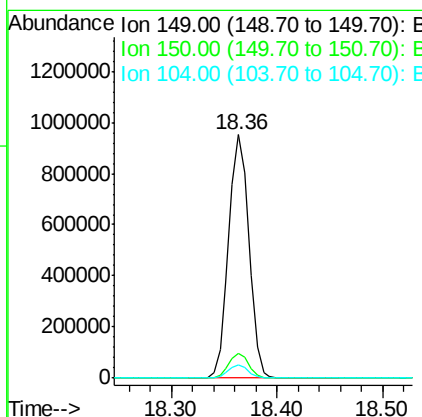
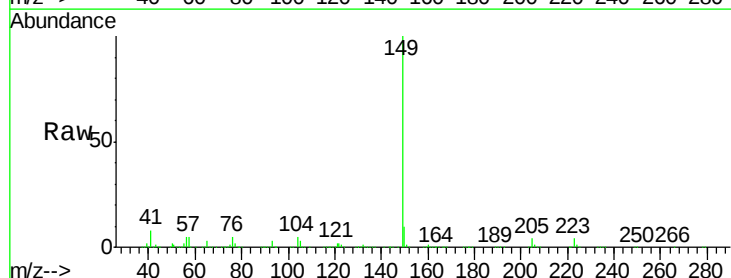
Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.5	26.3
139	12.3	10.0	15.0

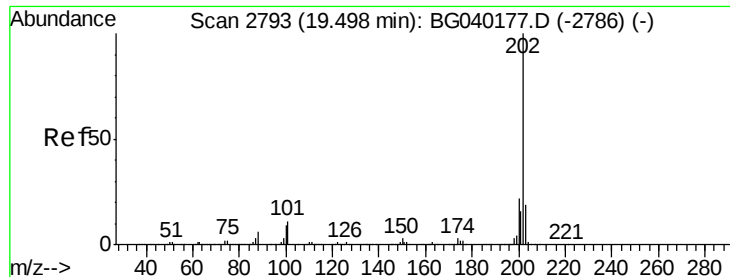


#74
 Di-n-butylphthalate
 Concen: 41.724 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Tgt Ion:149 Resp: 1264386

Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.9	11.9
104	5.5	4.1	6.1





#75

Fluoranthene

Concen: 43.004 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

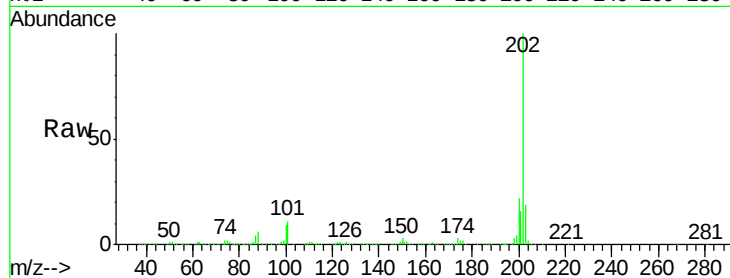
Tot Ion:202 Resp: 1374329

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

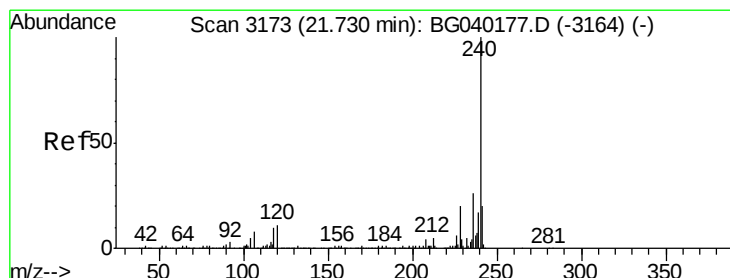
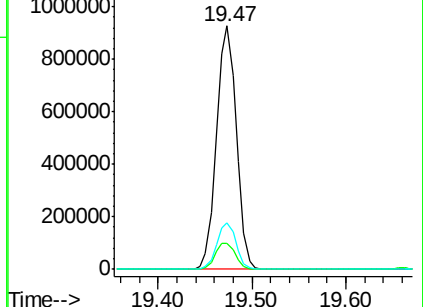
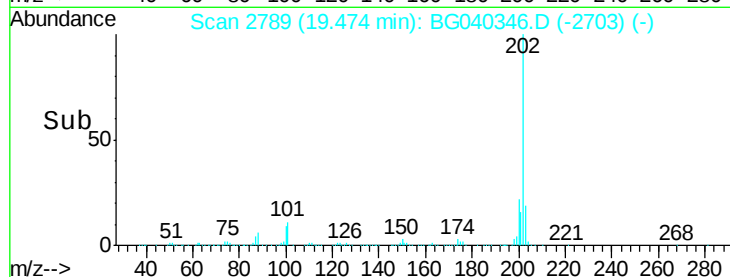
203 19.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.03 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

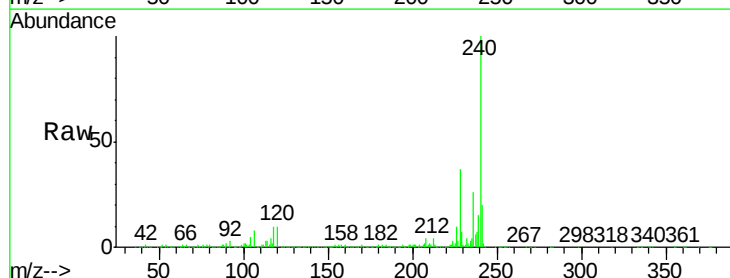
Tgt Ion:240 Resp: 536038

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

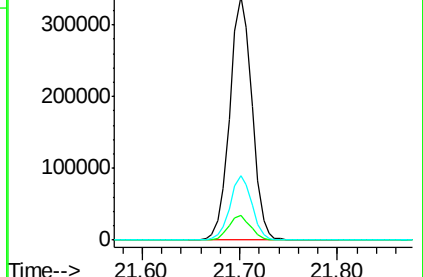
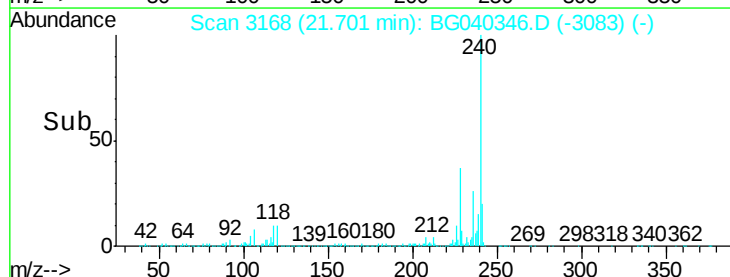
236 26.5 20.8 31.2

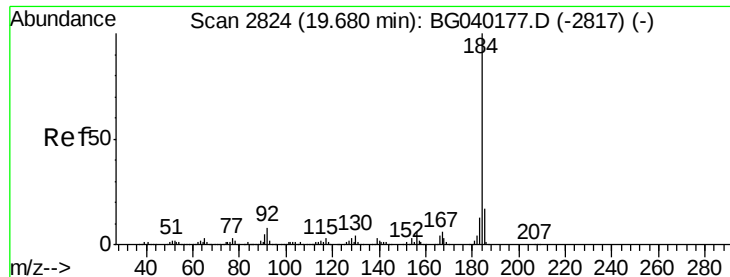


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.466 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

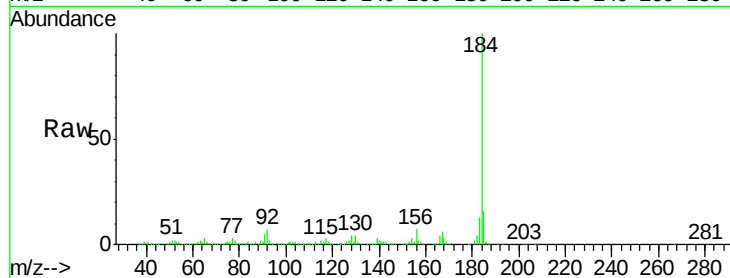
Tot Ion:184 Resp: 976869

Ion Ratio Lower Upper

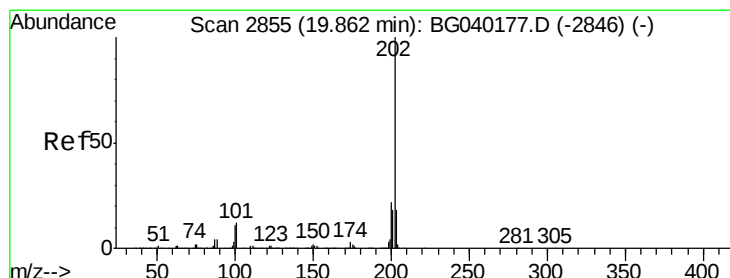
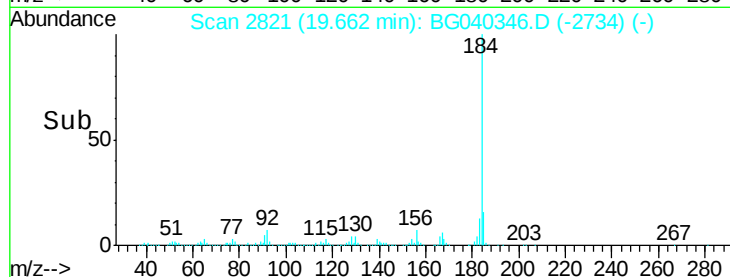
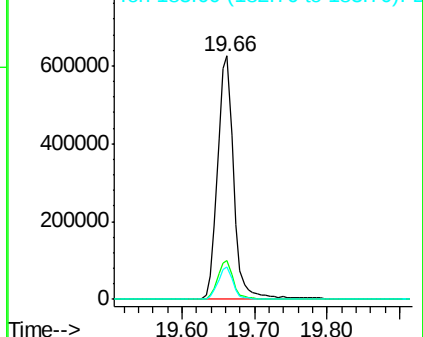
184 100

185 16.1 13.3 19.9

183 13.3 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.668 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

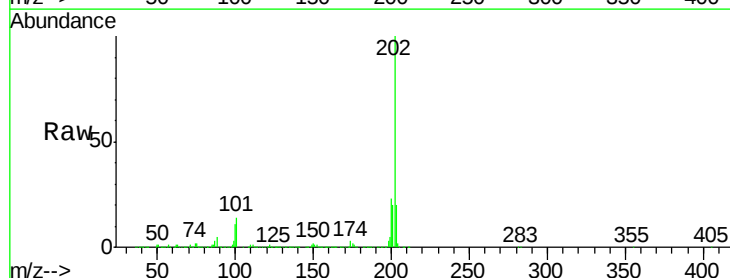
Tgt Ion:202 Resp: 1363058

Ion Ratio Lower Upper

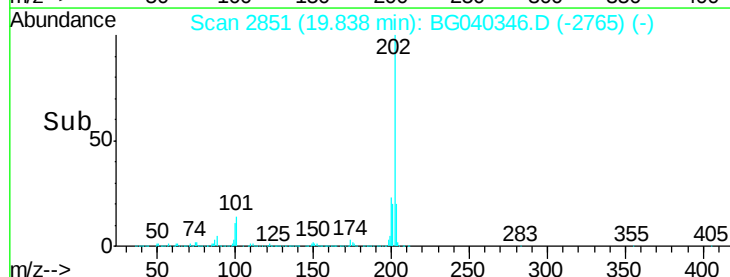
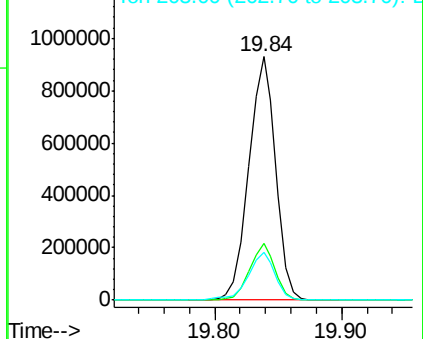
202 100

200 23.2 17.3 25.9

203 19.6 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.731 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

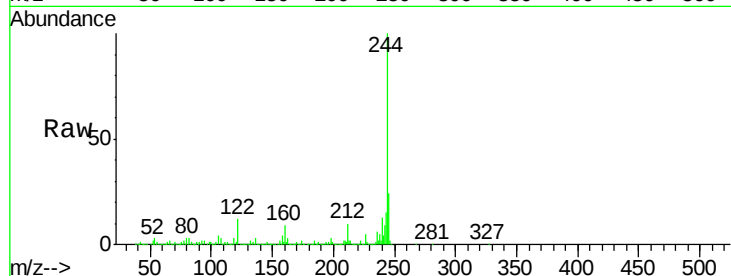
Tot Ion:244 Resp: 1828322

Ion Ratio Lower Upper

244 100

212 9.9 7.0 10.6

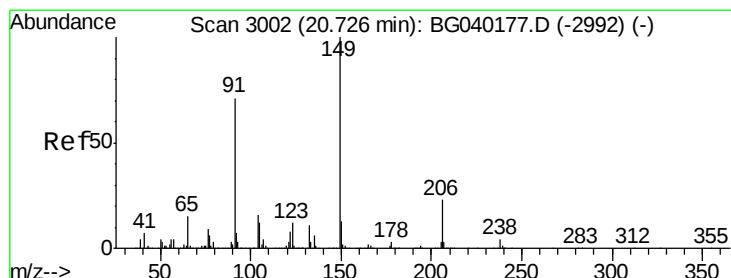
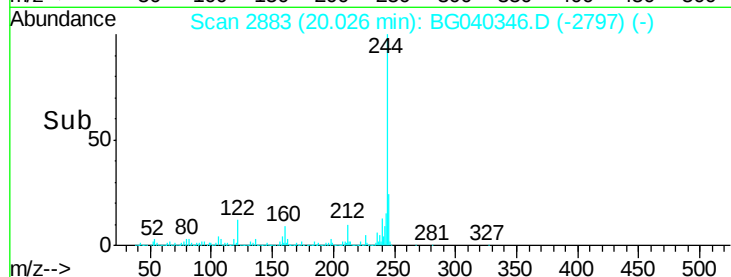
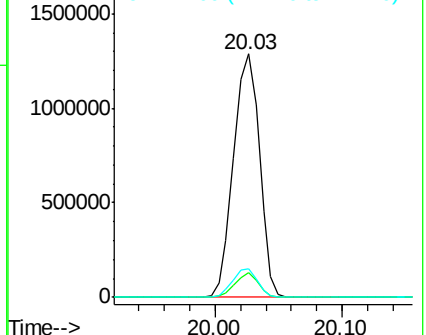
122 12.0 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.006 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

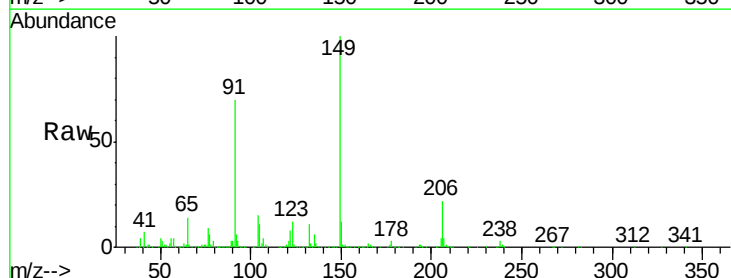
Tgt Ion:149 Resp: 633630

Ion Ratio Lower Upper

149 100

91 69.7 57.0 85.4

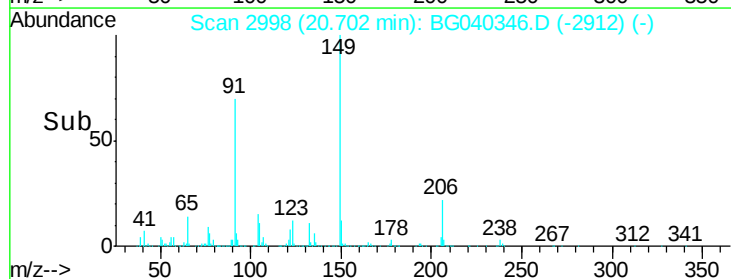
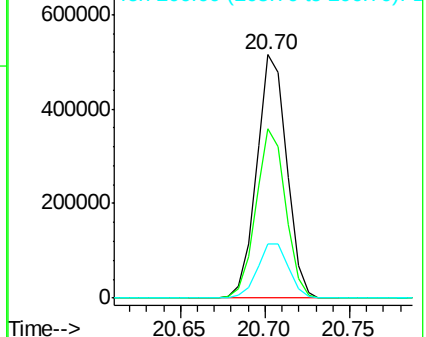
206 22.4 18.2 27.4

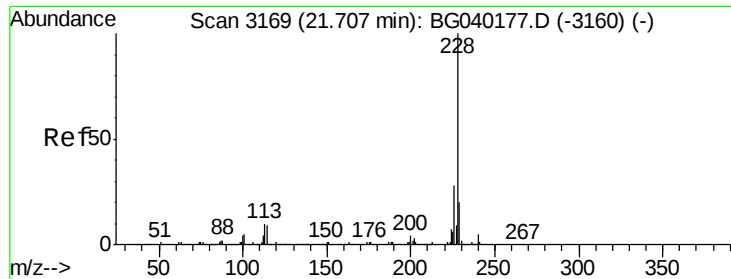


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.279 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

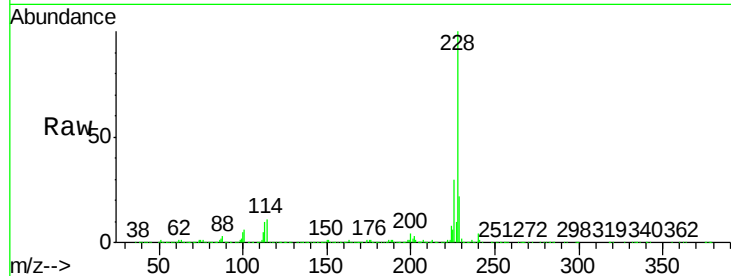
Tot Ion:228 Resp: 1362896

Ion Ratio Lower Upper

228 100

226 29.9 22.6 34.0

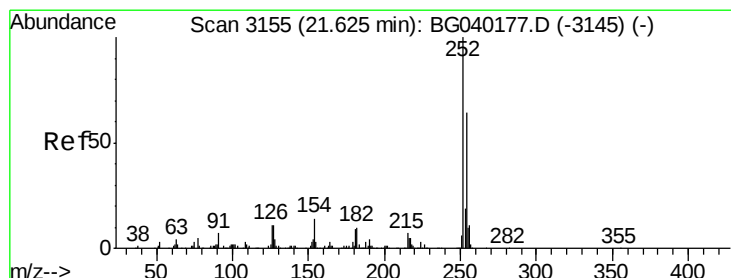
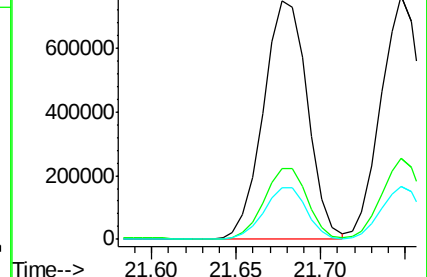
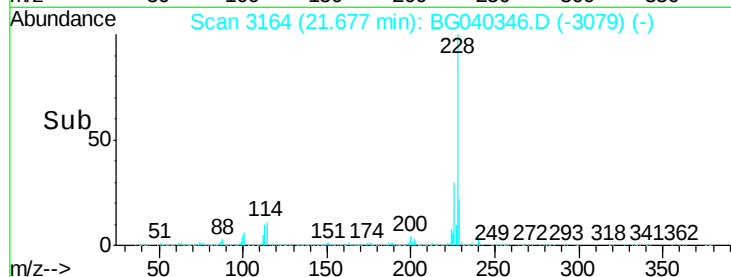
229 21.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 43.031 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.03 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

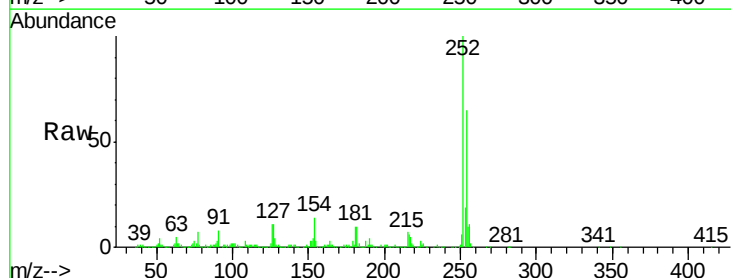
Tgt Ion:252 Resp: 540457

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.2

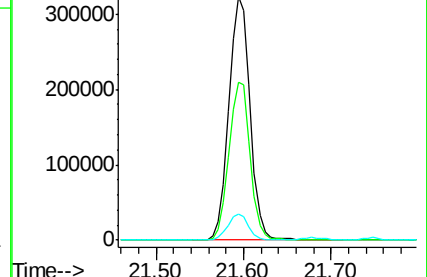
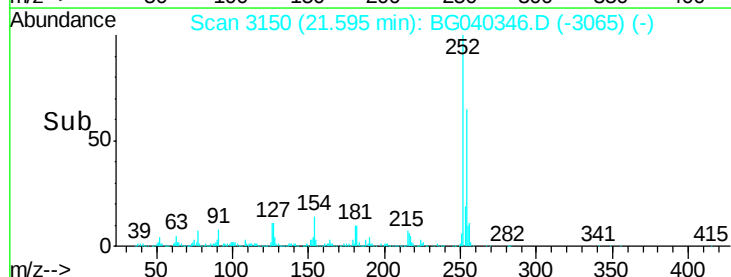
126 10.7 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

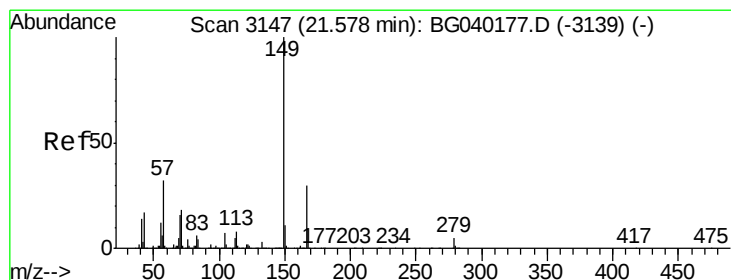
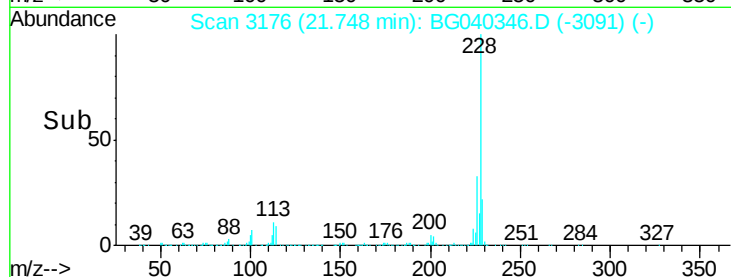
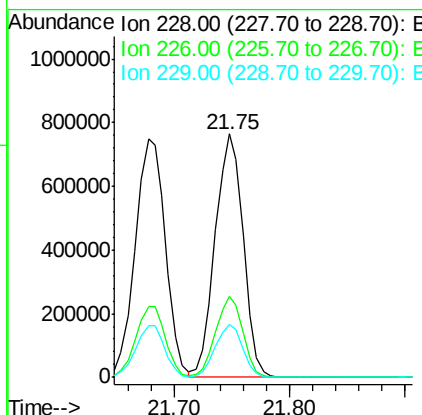
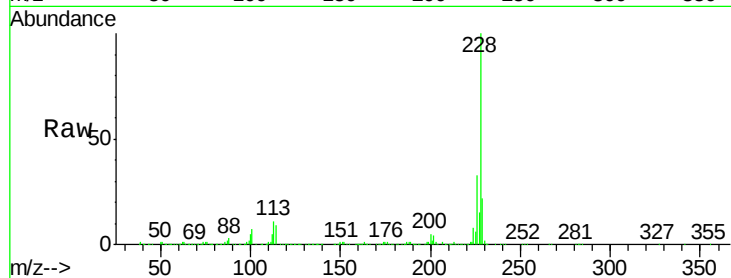




#83
 Chrysene
 Concen: 40.336 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.03 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

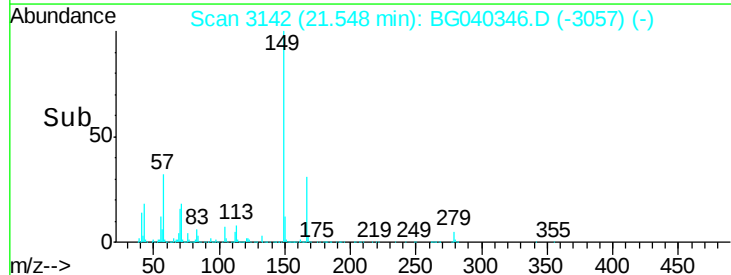
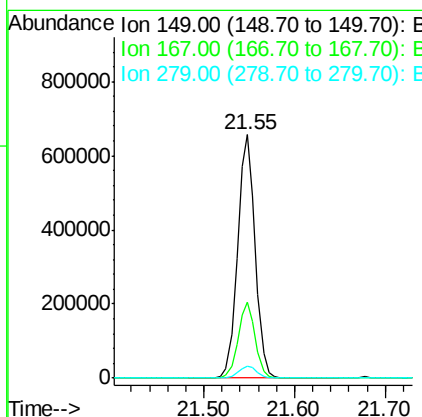
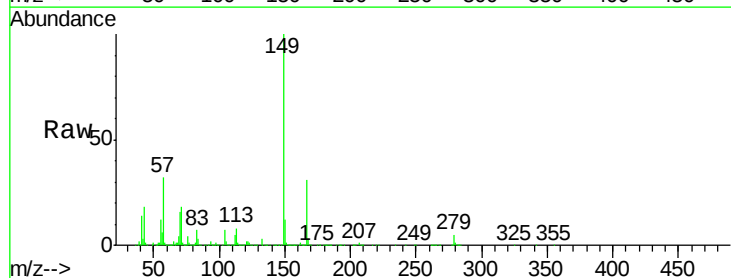
Instrument :
 BNA_G
 ClientSampled :

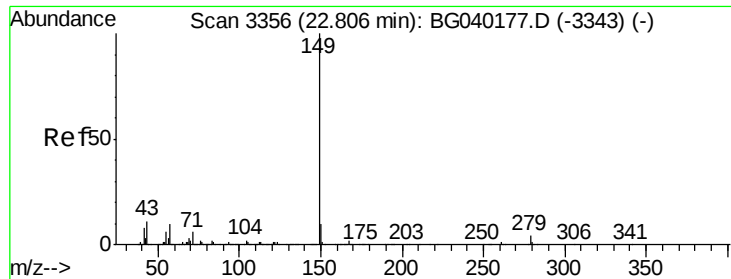
Tot Ion:228 Resp: 1279904
 Ion Ratio Lower Upper
 228 100
 226 33.1 25.4 38.0
 229 21.8 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.024 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG040346.D
 Acq: 4 Apr 2019 5:15

Tgt Ion:149 Resp: 884583
 Ion Ratio Lower Upper
 149 100
 167 31.0 24.1 36.1
 279 5.1 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 41.829 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.04 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampled :

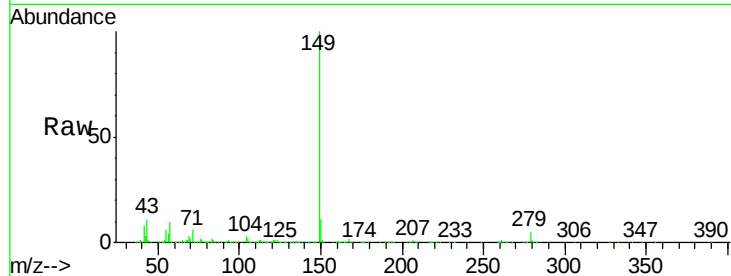
Tot Ion:149 Resp: 1536671

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

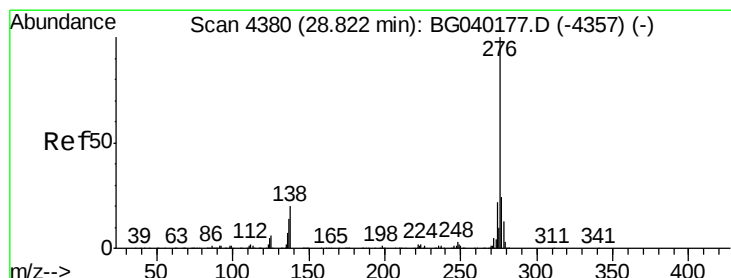
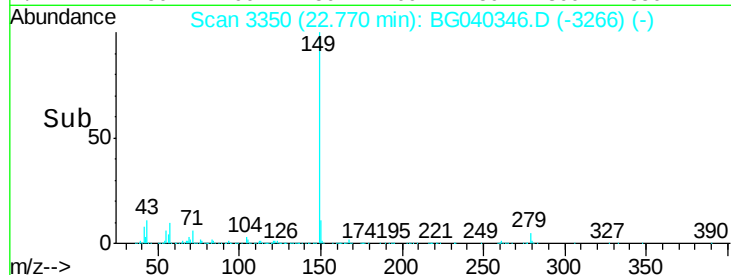
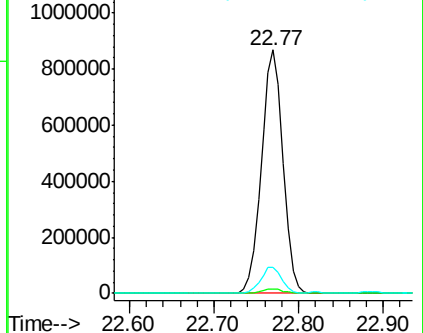
43 10.6 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.466 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.07 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

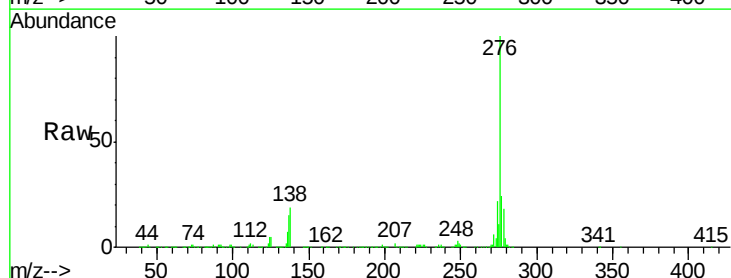
Tgt Ion:276 Resp: 1648091

Ion Ratio Lower Upper

276 100

138 23.9 18.8 28.2

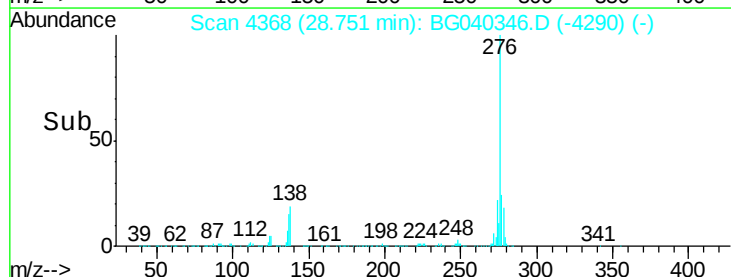
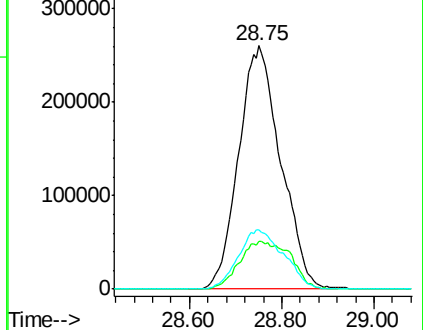
277 26.2 21.0 31.4

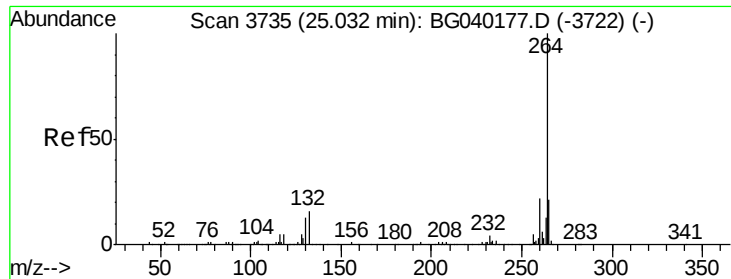


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.05 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

Instrument :

BNA_G

ClientSampleId :

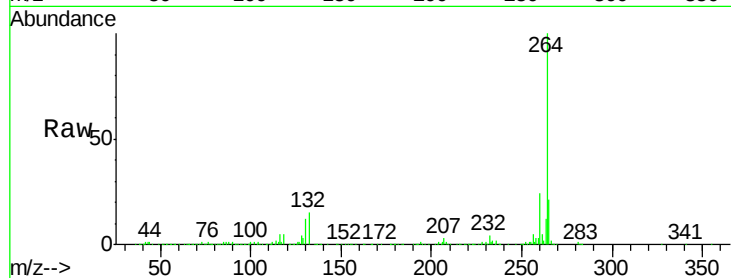
Tot Ion:264 Resp: 522094

Ion Ratio Lower Upper

264 100

260 24.3 17.9 26.9

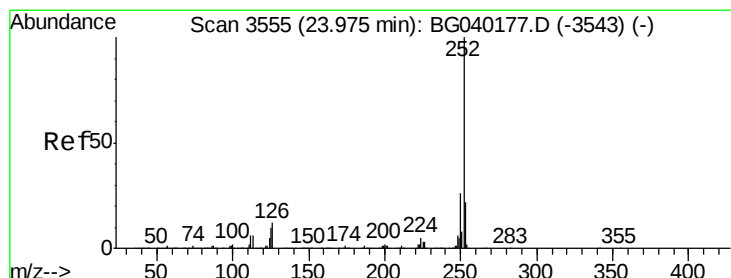
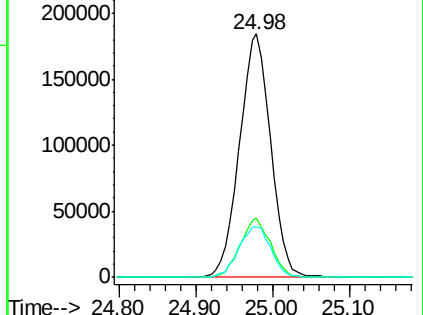
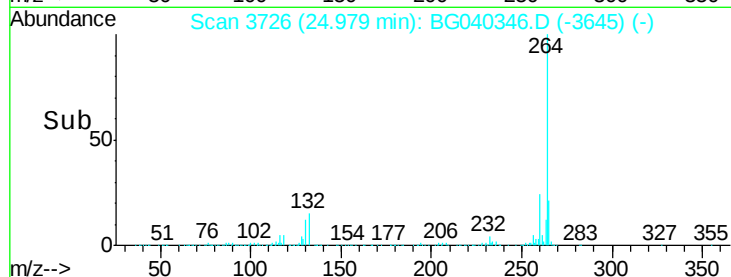
265 20.9 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.813 ng

RT: 23.93 min Scan# 3548

Delta R.T. -0.04 min

Lab File: BG040346.D

Acq: 4 Apr 2019 5:15

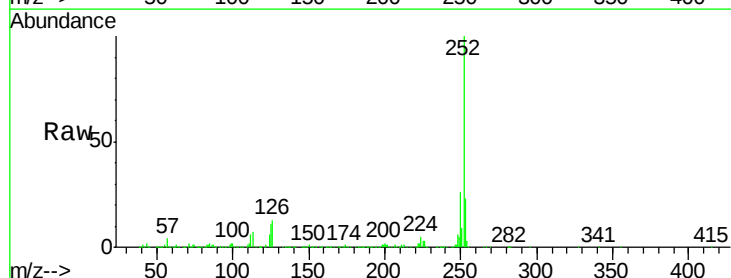
Tgt Ion:252 Resp: 1400456

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

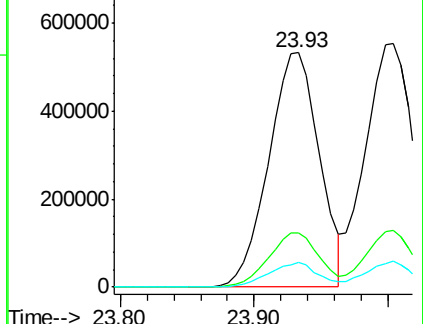
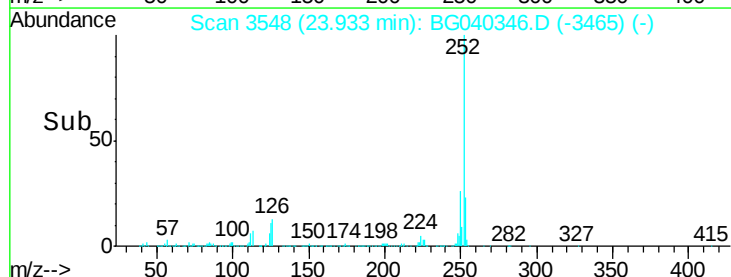
125 10.6 8.2 12.4

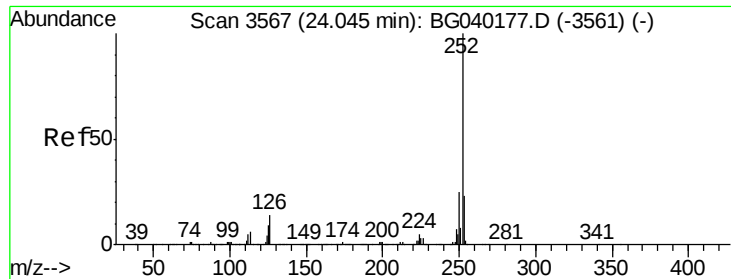


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

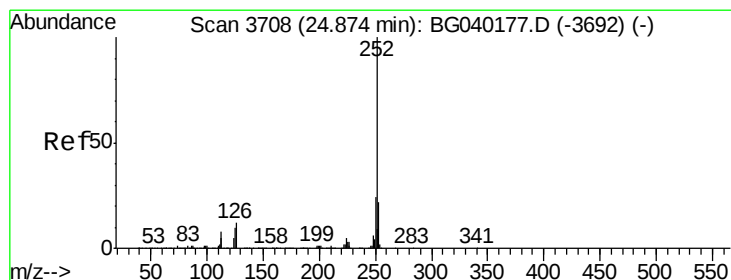
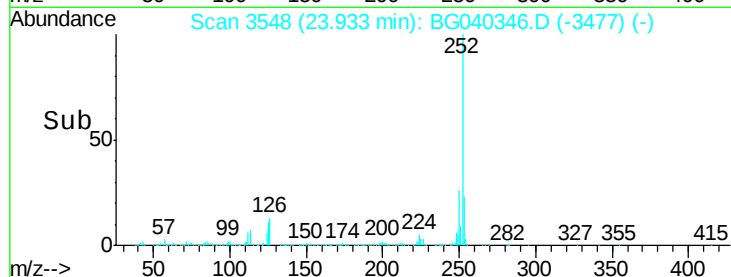
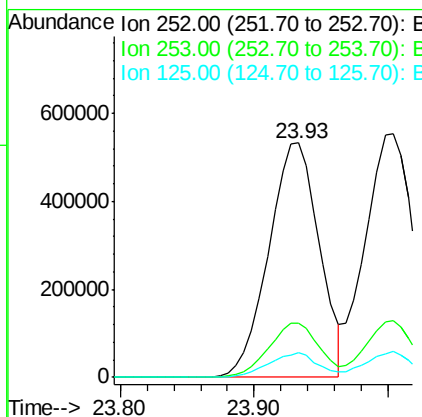
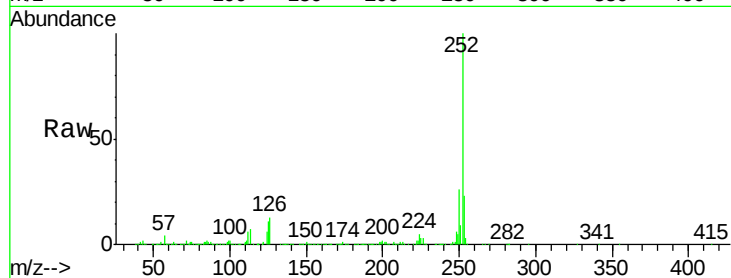




#89
Benzo(k)fluoranthene
Concen: 47.643 ng
RT: 23.93 min Scan# 3548
Delta R.T. -0.11 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

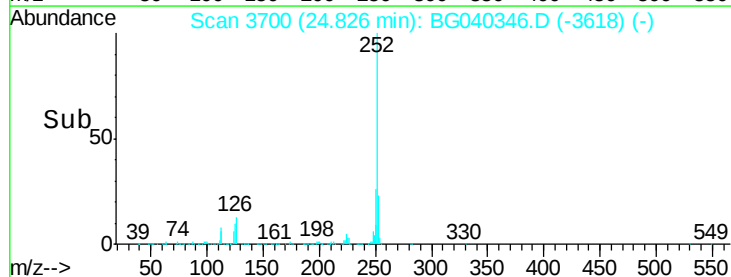
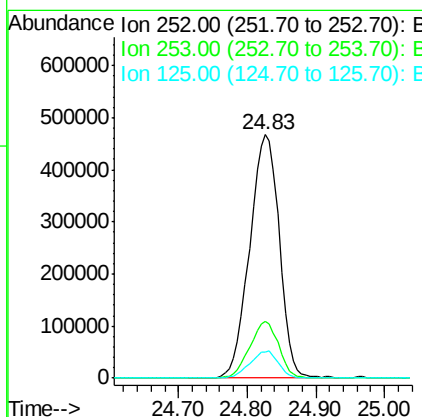
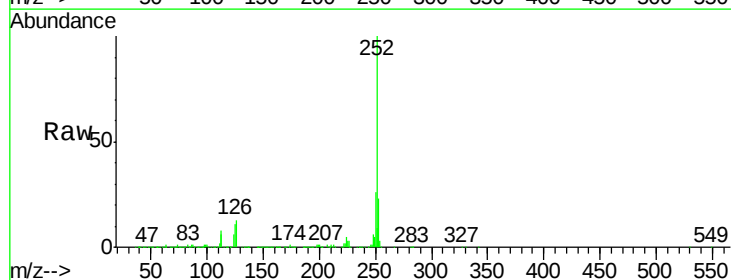
Instrument :
BNA_G
ClientSampleId :

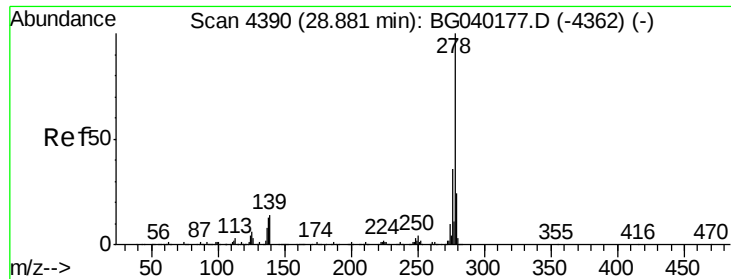
Tot Ion:252 Resp: 1400456
Ion Ratio Lower Upper
252 100
253 23.2 18.6 28.0
125 10.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 46.807 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.05 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:252 Resp: 1403789
Ion Ratio Lower Upper
252 100
253 23.4 17.8 26.8
125 10.5 8.3 12.5

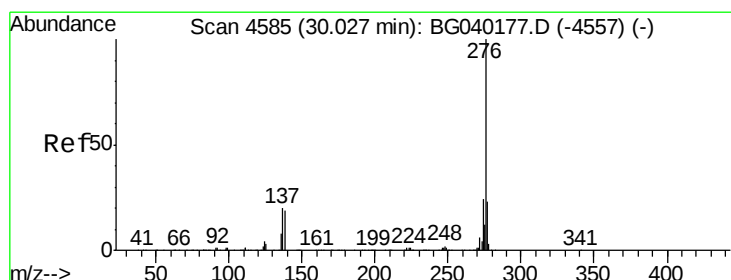
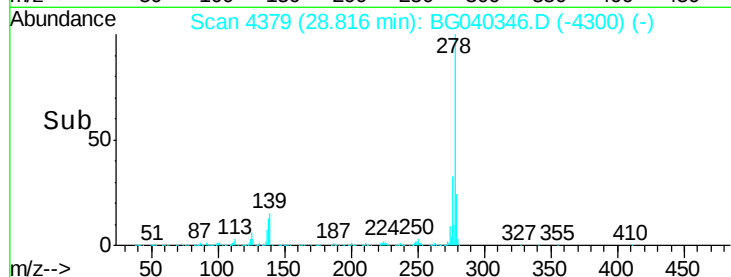
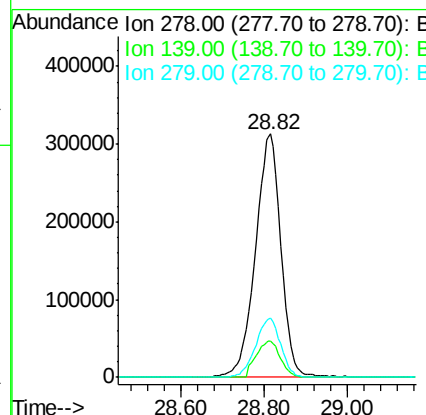
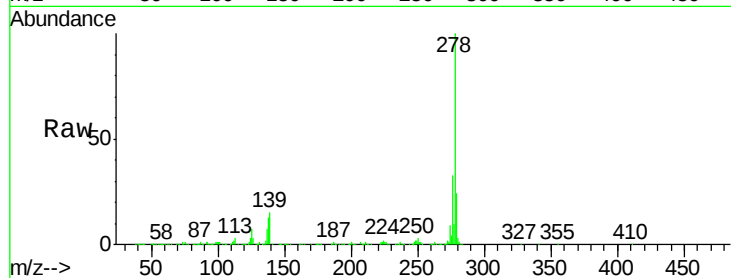




#91
Dibenzo(a,h)anthracene
Concen: 47.946 ng
RT: 28.82 min Scan# 4379
Delta R.T. -0.06 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1335499
Ion Ratio Lower Upper
278 100
139 14.7 11.2 16.8
279 24.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 48.188 ng
RT: 29.95 min Scan# 4572
Delta R.T. -0.08 min
Lab File: BG040346.D
Acq: 4 Apr 2019 5:15

Tgt Ion:276 Resp: 1379436
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 19.9 15.2 22.8

